

Travis Bennett

Immersive Web Technologist + Full-Stack Engineer + Artist

<https://travisbennett.com>

<https://reckless.technology>

I'm a self-taught Creative Technologist with more than 17 years of experience coding front-end, full-stack, and immersive, interactive 2d and 3d content.

When I'm not building **Tested, Scalable, Compartmentalized Systems in React, Typescript, Next.js**, etc, I'm crafting **New Immersive Experiences in WebXR**, producing **Art and Technology** for **Dance & Theater Shows**, and creating **Interactive Art Installations** for **Live Events**.

My latest passion project is [Reckless Technology](#), a free and open source progressive web app that allows artists and performers to quickly connect and collaborate in real-time.

Need to reach me? Use this contact form: <https://www.travisbennett.com/contact>

Tech Skills

• Full-Stack Engineer

Front-end (React, Typescript, Redux, Webpack) ----- 10+ yrs
Back-end (Next, Express, Apache, Python, MongoDB, MySQL) ----- 10+ yrs
CI / CD (Jest, Travis, Jenkins, Azure, AWS, Docker) ----- 5+ yrs

• Immersive Web Technologist

Virtual + Augmented Reality (WebXR / WebGL, ARKit, Unity) ----- 5+ yrs
3D Design & Development (Blender, Three.js, AFrame, Figma) ----- 5+ yrs
MoCap + CV (OpenCV, PoseNet AI, Kinect, PerceptionNeuron) ----- 6+ yrs

• Other

Data Visualization Design + Dev (D3, Mapbox, Mathbox, Crossfilter) ----- 5+ yrs
Event Production (Meetups, Self-Produced, Trade Shows) ----- 5+ yrs
Music + Performance (Ableton Live, Isadora) ----- 15+ yrs

Work Experience

- **Software Engineer 2** ----- **Aug 2022 - Jan 2023**
 - Superb AI (superb-ai.com)
 - Bring their Webflow-based site in house with full editing capability.
 - React, Typescript, Next, Tailwind, Storyblok CMS, Chromatic, Jest, Storybook, ESLint, A11y, TurboRepo, Github Actions, Vercel

- **Creative Technologist + Full-Stack Engineer + XR Consultant** ----- Jul 2018 - Aug 2022
Freelance (clients: Cluster Networks, Occipital, AKQA, Twilio, Ideo, Frog, Box, Dell)
 - **Co-founder + Director of R&D** ----- Jan 2017 - Jul 2018
 - **Co-founder + Project Manager + Full-Stack Lead** ----- Jan 2016 - Dec 2016
 - **Co-founder + Creative Director + Front-End Engineer** ----- Aug 2014 - Dec 2015
Kineviz (kineviz.com)

 - **Sr Interactive Developer** ----- Oct 2010 - Aug 2013
CBS Interactive (cbsinteractive.com)

 - **Sr Flash Developer** ----- Oct 2008 - Sep 2010
Barfly / Touchtunes (touchtunes.com)

 - **Web Client Developer** ----- Aug 2007 - Oct 2008
Kingsisle Entertainment (kingsisle.com)

 - **Multimedia Programmer** ----- Jun 2006 - Jul 2007
Chappell Studio / Marathonfoto (marathonfoto.com)
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Open Source & Non-Profit Experience

- **Creator + Designer + Lead Engineer** ----- Sep 2021 - Now
Reckless Technology (reckless.technology)

 - **Advisor To The Board + Chief Troublemaker + Event Producer** ---- Jun 2014 - Aug 2019
Kinetechn Arts (kinetechnarts.org)

 - **Event Producer + Co-Organizer + Instructor** ----- Jun 2014 - Aug 2019
DanceHack (dancehack.org)

 - **Creator + Designer + Lead Engineer** ----- Jan 2017 - Aug 2019
OpenPerform (openperform.org)

 - **Co-chair of WebVR Committee** ----- Jul 2017 - Feb 2018
The VR / AR Association (thevrara.com)
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Formal Education

- **Bachelor of Fine Arts in Interactive Media Design** ----- 2005
MCAD | Minneapolis College of Art and Design (mcad.edu)

Milestones

- **Open Source Project Launch** ----- Apr 2021
Reckless Technology (reckless.technology)
 - **OpenPerform Partnership** ----- Jun 2018
w/ Noitom
 - **Received Non-Profit (501c3) Status** ----- Jan 2018
w/ Kinetech Arts
 - **Open Source Project Launch** ----- Dec 2017
OpenPerform
 - **Released Reckless Tech Anthology Album** ----- Dec 2017
The San Francisco Archives - Vol 2
 - **Opened Office in Shanghai** ----- Nov 2017
w/ Kineviz
 - **Data Research Lab Started** ----- Jun 2017
w/ Kineviz
 - **Sino-American Art Tech Alliance Started** ----- Apr 2017
w/ Kinetech Arts
 - **Exhibited @ China (Shanghai) International Tech Fair** ----- Apr 2017
w/ Kineviz & Kinetech Arts
 - **Partnership with Climate Music Project** ----- Jan 2017
w/ Kinetech Arts
 - **Released Reckless Tech Anthology Album** ----- Feb 2016
The San Francisco Archives - Vol 1
 - **Company Formed** ----- Jan 2015
Kineviz
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Product Launches

- **Medical Searches Visualization @ SF Offices** ----- Mar 2018
w/ Kineviz, For RallyHealth
- **VR Brain Data Visualization** ----- Jan 2018
Open Source, Oculus Rift, Real-Time EEG
- **ROI Calculator Website** ----- Nov 2017
w/ Kineviz, For Box
- **Global Call Visualization @ Belmont Offices** ----- Sep 2017
w/ Kineviz, For RingCentral
- **The Quantified Audience** ----- Apr 2016
w/ Kineviz, For Innovati
- **EDI Dashboard** ----- Dec 2015
w/ Kineviz, For Doppio Group

Conference Installations

- **VR Hate Crime Map @ National Leadership Summit** ----- May 2018
w/ Kineviz, For Anti-Defamation League
 - **VR Knowledge Graph Beta @ Graph Connect** ----- Oct 2017
w/ Kineviz, For MongoDB
 - **VR Knowledge Graph Alpha @ C(s)ITF** ----- Apr 2017
w/ Kineviz
 - **VR Knowledge Graph Concept @ Persona** ----- Jun 2016
w/ Kineviz
 - **Dell Quiz Game @ RSA** ----- Feb 2016
w/ Kineviz, For Dell
 - **KineVote Experience @ BoxWorks** ----- Sep 2015
w/ Kineviz, For Box
 - **Real-Time Location Tracking Visualization @ BoxDev** ----- Apr 2015
w/ Kineviz, For Box
 - **LPC54100 Product Experience @ CES** ----- Jan 2015
For NXP
 - **3d Industry Graph Visualization @ BoxWorks** ----- Sep 2014
For Box
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Community Events & Production

- **Open Lab Meetups** ----- Jun 2014 - Aug 2019
w/ Kinetech Arts, Co-Produced Events weekly
- **Stories of the Future @ Institute for the Future** ----- Apr 26, 2019
w/ Garage Stories, Co-Produced Event
- **DanceHack 2018 @ CounterPulse** ----- Dec 1, 2018
w/ Kinetech Arts, Co-Produced Event
- **DataXR Meetup @ Sandbox Suites** ----- Mar 29, 2018
w/ Kineviz, Co-Produced Event
- **DanceHack 2017 @ CounterPulse** ----- Dec 3, 2017
w/ Kinetech Arts, Co-Produced Event
- **DataXR Meetup @ Sandbox Suites** ----- Jan 26, 2017
w/ Kineviz, Co-Produced Event
- **DanceHack 2016 @ CounterPulse** ----- Dec 10, 2016
w/ Kinetech Arts, Co-Produced Event
- **DataXR Meetup @ Sandbox Suites** ----- Oct 6, 2016
w/ Kineviz, Co-Produced Event
- **DanceHack 2015 @ SafeHouse Arts** ----- Nov 15, 2015
w/ Kinetech Arts, Co-Produced Event
- **Art+Tech Rendezvous #4 @ GeekdomSF** ----- Aug 15, 2014

w/ Codame, Co-Produced Event

- **Art+Tech Rendezvous #3** @ GeekdomSF ----- Jul 18, 2014
w/ Codame, Co-Produced Event
 - **Art+Tech Rendezvous #2** @ GeekdomSF ----- June 26, 2014
w/ Codame, Co-Produced Event
 - **DanceHackDay** @ CounterPulse ----- May 31, 2014
w/ Kinetech Arts, Co-Produced Event
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Art Installations

- **MedDance** @ HIMSS ----- Feb 2, 2019
For DevCool, Using Screen, OpenPerform (Three.js, React.js), Kinect
 - **SpaceDance** @ Twilio \$Bash ----- Oct 18, 2018
For Twilio, Using Screen, OpenPerform (Three.js, React.js), Kinect
 - **Demo** @ Kinetech Arts' 5th Anniversary Party ----- Aug 18, 2018
Using Projection, OpenPerform (Three.js, React.js), Kinect
 - **Judgement Wall v3** @ Kinetech Arts' 3d Anniversary Party ----- Jun 18, 2016
Using Projection, Three.js, React.js, Kinect
 - **Judgement Wall v2** @ California Academy of Science ----- Aug 6, 2015
Using Projection, Three.js, React.js, Kinect
 - **Judgement Wall v1** @ Peninsula Museum of Art ----- Apr 25, 2015
Using Projection, Three.js, React.js, Kinect
 - **Data Fountain** in Codame Art+Tech: VR @ Mozilla ----- Nov 21, 2014
w/ Kinetech Arts, Using Oculus DK2, Leap Motion, Three.js, React.js
 - **Data Geyser** in Codame In.Secure @ GeekdomSF ----- Oct 31, 2014
w/ Kinetech Arts, Using Oculus DK2, Leap Motion, Three.js, React.js
 - **Fractal Painting** @ Marin Headlines ----- Oct 24, 2014
w/ Kinetech Arts, Using HTML Canvas Drawing, Wii Balance Board
 - **Fractal Painting** in Ephemeral Vessels @ B4BEI4B ----- Sep 27, 2014
w/ Kinetech Arts, Using HTML Canvas Drawing, Wii Balance Board
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Dance & Live Performances

- **Metamorphosis: Phase 1** @ Counterpulse Combustible ----- Sep 19th - 21st, 2019
w/ Mabel Valdiviezo & Juliana Mendonca, Using Projections, Isadora, Kinect, Webcam
- **Metamorphosis: Phase 1 (preview)** in Y-Exchange @ ODC ----- Aug 29, 2019
w/ Mabel Valdiviezo & Juliana Mendonca, Using Projections, Isadora, Kinect, Webcam
- **Portal** at Stories of the Future Event @ Institute for the Future ----- Apr 26, 2019
w/ Jasper Patterson, Using Projections, Motion Capture, OpenPerform (Three.js React.js)
- **Duality** in Illum @ Midway SF ----- Jun 9, 2018
w/ Lauren Bedal, Using Projections, Motion Capture, OpenPerform (Three.js React.js)
- **HyperCubeXR Experience** @ Augmented World Expo ----- Jun 06, 2018

w/ Jasper Patterson, Immersive Theater, Using Oculus Rift, Three.js, React.js, Kinect

- **Canon @ Samsung Create** ----- Apr 20, 2018
w/ Weidong Yang & Stream Gao, Using Motion Capture, OpenPerform (Three.js React.js)
- **Mesh @ Fresh Fest** ----- Jan 20, 2018
w/ Kinetech Arts, Using Projections, Motion Capture, OpenPerform (Three.js React.js)
- **Transform / Work** in Vital Hybrids @ Grey Area ----- Nov 18, 2017
w/ Lauren Bedal, Using Projections, Motion Capture, OpenPerform (Three.js React.js)
- **Chamber @ Joe Goode Annex** ----- Nov 17, 2017
w/ Kinetech Arts
- **Duality @ 3dWebFest Germany** ----- Oct 16, 2017
w/ Lauren Bedal, Using Projections, Motion Capture, OpenPerform (Three.js React.js)
- **Mesh @ CounterPulse Residency** ----- Sep 16, 2017
w/ Kinetech Arts, Using Projections, Motion Capture, OpenPerform (Three.js React.js)
- **Duality** in Dance & VR @ Upload LA ----- Jul 27, 2017
w/ Lauren Bedal, Using Projections, Motion Capture, OpenPerform (Three.js React.js)
- **Duality @ 3dWebFest** ----- Jun 30, 2017
w/ Lauren Bedal, Using Projections, Motion Capture, OpenPerform (Three.js React.js)
- **Performance @ CounterPulse Gala** ----- May 12, 2017
w/ Kinetech Arts
- **Performance @ NOHSpace** ----- Apr 28, 2017
w/ Kinetech Arts & Climate Music Project
- **Performance** in Art & VR @ Upload VR ----- Mar 31, 2017
w/ Kinetech Arts
- **Brainwash Machine** in Public Square @ YBCA ----- Feb 18, 2017
w/ Kinetech Arts
- **Index of Probabilities @ CuriOdyssey** ----- Sep 17, 2016
w/ Kinetech Arts
- **Falling Off** in Soundwave 7 @ Grace Cathedral ----- Aug 5, 2016
w/ Kinetech Arts
- **Social Butterfly @ 3dWebFest** ----- Jun 15, 2016
w/ Neta Singer, Using Projections, HTC Vive, Three.js
- **Elements of Others @ SFIAF** ----- May 25, 2016
w/ Kinetech Arts
- **VRiety Show** Live Stream Show ----- May 14, 2016
w/ Jasper Patterson, Using HTC Vive, Unity, OBS
- **Metrics of Work** in Public Works @ YBCA ----- Apr 18, 2016
w/ Kinetech Arts
- **Performance @ CuriOdyssey** ----- Mar 18, 2016
w/ Kinetech Arts
- **Fractal Painting @ State Space 2** ----- Nov 14, 2015
w/ Kinetech Arts, Using HTML Canvas Drawing, iPad Multitouch
- **Fractal Painting @ Codame Movement** ----- Oct 23, 2015
w/ Kinetech Arts, Using HTML Canvas Drawing, Wii Balance Board
- **Raymond-D @ Kinetech Arts' Epoch Zero** ----- Jul 11, 2015
w/ Raymond Larrett, Using Face Shift, Real-Sense Camera, Vocoder
- **VR Data Landscape @ 3dWebFest** ----- May 13, 2015

w/ Kinetech Arts, Using Three.js, Kinect, Wii Balance Board

- **RamDance Exploration** @ Kinetech Arts' 2nd Anniversary Party ----- Apr 18, 2015
w/ Lauren Bedal, Using RamDance, Kinect
 - **The Other Sight** @ Lake Tahoe Ballet ----- Feb 7, 2015
w/ Kinetech Arts
 - **Halloween Performance** @ Kinetech Arts' Halloween Party ----- Oct 24, 2015
w/ Becky Robinson Leviton
 - **The Other Sight** @ ODC ----- Jul 19, 2014
w/ Kinetech Arts
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Grants & Awards

- **Guaranteed Income Artist Grant** @ YBCA & SF ----- Apr 2021
 - **Combustible Residency** @ CounterPulse ----- 2019
w/ Mabel Valdiviezo & Juliana Mendonca
 - **ODC Residency** @ ODC ----- 2019
w/ Kinetech Arts
 - **Artist Grant** @ Phyllis Wattis Foundation ----- 2018
w/ Kinetech Arts
 - **3rd Place** @ Global WebXR Hackathon ----- Aug 2018
 - **Winner** @ WebXR Weekend Challenge ----- Jul 2018
 - **Nextant Award** @ Virtual World Society ----- May 2018
w/ Kineviz
 - **CA\$H grant** ----- 2017
w/ Kinetech Arts
 - **Combustible Residency** @ CounterPulse ----- 2017
w/ Kinetech Arts
 - **Artist Grant** @ Zellerbach Foundation ----- 2015
w/ Kinetech Arts
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Press & Speaking Engagements

- **Segment** [Metamorphosis: Phase 1 Mentioned @ ABC7](#) ----- Oct 2019
- **Interview** [Metamorphosis: Phase 1 Segment @ Kron On](#) ----- Sep 2019
- **Article** [Metamorphosis: Phase 1 Article @ Mission Local](#) ----- Sep 2019
- **Presentation** @ Y-Exchange ----- Sep 2019
- **Performance** @ Zendesk ----- Sep 2019
- **Article** [Metamorphosis: Phase 1 Article @ Dancers Group](#) ----- Sep 2019
- **Article** [Metamorphosis: Phase 1 Article @ El Tacolote](#) ----- Aug 2019
- **Presentation** @ Stories of the Future Event ----- Apr 2019
- **Presentation** @ WebXR Meetup ----- Aug 2018
- **Presentation** @ Kinetech Arts 5th Anniversary Party ----- Jun 2018
- **Presentation** @ Kinetech Arts xLab ----- Jun 2018
- **Presentation** @ Binary Salon ----- Jun 2018
- **HyperCubeXR mentioned on Forbes** ----- Jun 2018

- [Featured on VentureBeat](#) ----- May 2018
w/ Kineviz
- **Presentation** @ Samsung Create ----- Apr 2018
- **Presentation** @ Kinetech Arts Super Lab ----- Mar 2018
- **Presentation** @ NYU ITP Tisch ----- Oct 2017
- [Mesh featured on KQED Arts](#) ----- Sep 2017
w/ Kinetech Arts
- **Presentation** @ Institute for the Future ----- Aug 2017
- **Presentation** @ Dorkbot ----- Jul 2017
w/ Kinetech Arts
- [Featured on TechNode](#) ----- Apr 2017
w/ Kineviz
- [C\(s\)ITF Highlights](#) ----- Apr 2017
w/ Kineviz
- **Panelist** @ Belt and Road Press Event ----- Apr 2017
- [Mentioned on Financial Times](#) ----- Mar 2017
w/ Kineviz
- **Presentation** @ Northwestern University Medhill ----- Mar 2017
w/ Kineviz
- [Featured on Creators Project](#) ----- Dec 2016
w/ Kinetech Arts, DanceHack
- [Mentioned on Road to VR](#) ----- Dec 2016
w/ Kineviz
- **Presentation** @ Kineviz DataXR Meetup ----- Oct 2016
- **Presentation** @ Kinetech Arts' 2nd Anniversary Party ----- Apr 2015
- **Presentation** @ Kinetech Arts' Show & Tell ----- Nov 2014
- **Presentation** @ Kinetech Arts' Halloween Party ----- Apr 2014
- [Best Genre Defying Sci-Artistic Collective by SFWeekly](#) ----- May 2014
w/ Kinetech Arts