

Dillon Petito

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Software Engineer specializing in Full Stack Javascript with `React`, `React Native`, `Redux`, and `Node.js`.

RECENT PROJECTS

Monitor 2018

`React Native` mobile app that keeps track of Ethereum transactions. Uses `Firebase` Functions written in `Typescript` to manage user auth, webhook subscriptions to the blockchain with a secure endpoint for triggering push notifications, subscriptions to database writes that trigger external API calls, and more. In beta via Testflight.

GunControlGrades.org 2018

`React` and react-router web app that allows users to create a personalized voting card for the 2018 midterm elections based on their state candidates' stances on gun control. Made for Jonathan Horowitz and Downtown For Democracy.

SELECTED EXPERIENCE

Artist Assistant, Jonathan Horowitz 2017-Present

Created and maintained several websites for the artist and his projects. Developed `Node.js` software that entirely automated the artist's printmaking process. Photo, graphic, 3D, and video post-production.

Marketing Coordinator, VFILES 2016-2017

Managed production, release, and analytics for media across all digital communication platforms, including an instagram account with over 300,000 followers.

Digital Preservation Fellow, Rhizome 2016

Audited historical web-based artworks for re-staging in the Net Art Anthology. Archived new works with Webrecorder software. Wrote about the history of art on the web.

EDUCATION

New York University, Gallatin 2012-2016

B.A. Individualized major concentrating in contemporary and digital art history and critical theory.

FreeCodeCamp 2018

Full Stack certification, representing 1800 hours of coursework.

Harvard CS50: Introduction to Computer Science 2018

Algorithms & data structures, resource management, security, and web development in `C`, `Python`, `SQL`, `Javascript` and more.

Harvard CS50 Mobile App Dev. with React Native 2018

`React Native` and `Redux`; debugging and testing for mobile with `Chai`.

SKILLS

GENERAL

- Algorithms & Data Structures
- Responsive Web Design
- Mobile Development
- Data Visualization
- APIs and Microservices
- Database Design
- QA Testing and Security
- Package Management
- Version Control

FRONT END

- `React` expert
- `Bootstrap` expert
- `React Native` confident
- `Redux` confident
- `jQuery` confident
- `d3js` familiar
- `Flask` familiar

BACK END

- `Node.js` expert
- `NPM` & `Yarn` expert
- `RESTful API` confident
- `Firebase` confident
- `Express` confident
- `Heroku` familiar
- `MongoDB` familiar
- `SQLite` familiar
- `Helmet.js` familiar

SOFTWARE

- `Git` & `Github` expert
- `VS Code` expert
- `Adobe Suite` expert
- `Chrome Devtools` confident
- `Expo` confident
- `XCode` beginner
- `Beaker` & `dat://` beginner

LANGUAGES

- `Python` expert
- `Javascript ES6` expert
- `HTML5` & `CSS3` expert
- `C` familiar
- `Typescript` familiar
- `Sass` familiar
- `Swift` beginner