

# Dillon Petito

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dillon.global

## Work Experience

**Jonathan Horowitz Studio** - Artist Assistant, 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.

**New Peace by Timur Si-Qin** - Marketing, 2017-2018

Created and launched a social media ad campaign for artist Timur Si-Qin's brand, New Peace, which uses the tools and interfaces of advertising and branding to imagine a non-dualistic, secular spirituality. Wrote copy for use in the brand's advertisements, designed marketing materials including the New Peace website, [newpeace.faith](http://newpeace.faith).

**VFILES** - Marketing Coordinator, 2016-2017

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

**Rhizome** - Digital Preservation Fellow, 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 censorship and art on the web.

**DIS** - Editorial Intern, 2016

Wrote and edited copy for the Election Renewal issue and designed/coded custom site features. Wrote copy and articles.

## Engineering Contributions

**nOS** - React & React Native Developer, 2019-Present

Bootstrapping a React Native mobile client for the virtual operating system nOS, which connects users to decentralized applications (dApps) and the decentralized web. Implementing cryptocurrency wallet functionality and account management.

**Monitor** - Lead Developer, 2018

Built a 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 REST endpoint for triggering push notifications, subscriptions to database events that trigger external APIs, and more. In beta via Testflight.

**GunControlGrades.org** - Lead Developer, 2018

Created a React and 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. Designed with extensive event-based analytics. Made for Jonathan Horowitz and Downtown For Democracy.

## Curatorial and Editorial Contributions

**Rhizome** - The File Room: An Open-Source Library of Censorship

**DIS Magazine** - The Choice is Yours

**Alyssa Davis Gallery** - 40 Pest Street

**17 Essex Gallery** - Curiosities

## Education

**New York University** - Gallatin, 2012-2016

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

**Harvard** - CS50 and CS50-Mobile, 2018

Algorithms & data structures, resource management, security, and web development in C, Python, SQL, Javascript and more. React Native and Redux; debugging and testing for mobile with Jest.

**FreeCodeCamp** - Full Stack certification, 2018

Representing 1800 hours of coursework.

## Skills

### General

Modern Web and Mobile Development, Responsive Web Design  
Decentralized Web Hosting, Blockchain fundamentals  
Data Visualization, APIs and Microservices, Server-side Rendering  
Object Oriented Programming, Algorithms & Data Structures  
QA Testing, Debugging, Security  
Package Management, Version Control

### Languages

Javascript ES6, Python, HTML5, CSS3, Sass, Typescript, C

### Front End Technologies

React, React Native, Redux, CSS Preprocessors, Styled Components  
jQuery, D3js, Flask

### Back End Technologies

Node.js, Express, RESTful API, Firebase, Heroku, DigitalOcean, MongoDB, SQLite

### Software

Adobe Suite  
NPM, Yarn, Github, Git, VS Code, XCode  
Expo, Chrome Devtools

### Other Libraries

Bootstrap, Hugo, Kirby, Forestry, Are.na  
Dat & Beaker Browser, Urbit