

# Peter T. Weyand

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## PROFILE

I am a web developer with a background in mathematics, statistics, and finance. I enjoy working on complex problems where I can leverage my analytical ability to build cool programs.

## SKILLS

- **LANGUAGES:** Javascript, Python, Phoenix, HTML, CSS, Swift, React Native
- **FRAMEWORKS:** JQuery, Vue.js, Angular, Node.js, React.js, Velocity.js, SASS, React Native
- **DATABASES:** MongoDB, MySQL, Postgresql, Postgres, MySequal, Sequal
- **OTHER:** API calls, full-stack web development, software engineering, state management, redux, mobx, freactal, routing, router, software development, developer, CRUD, REST, SOAP, webpack, D3, Victory Charts, heroku, nanobox.io, Amazon Web Services (AWS), material-ui, material design, bcrypt, firebase, Auth0, p5js

## DEVELOPMENT PROJECTS

### **CURRENT WEBSITE [<http://www.q8z8p.com>]**

My current website is a space themed retro-futuristic take on my portfolio. It's design heavy with an emphasis on increasing user experience. Main new feature: CSS-Grid layout was essential to making the project work and format correctly. Tech: React front end.

### **LIVE DRAWING APP [<http://pennydrop.nanoapp.io>]**

A live drawing application that lets multiple people draw at once and vote on the result. It features: live canvas drawing, multiple sockets per user, live chat, multiple colors and widths on draw tool, image emitting, voting system, timer. The tech: Vue.js frontend, Phoenix backend, nanobox deploy to AWS.

### **JOBTRACKER [<https://github.com/patientplatypus/platypusTracker>]**

A time management dashboard and automated job application system. It features: voice recognition, calendars, live updating, routing, conditional rendering, automated templating, scheduled commands, web scraping. The tech: React frontend and Node.js backend.

### **MY LAST PORTFOLIO [[https://github.com/patientplatypus/professional\\_portfolio](https://github.com/patientplatypus/professional_portfolio)]**

My personal website, no longer in active development, featured personal thoughts with new and interesting projects. Features: Arc React seed scaffolding, modular styled components, react routing, navigation and archive links. The tech: React front end with styled-components modularization, webpack build tools.

### **BLOG PROJECT - GOOGLE “RE” FINANCE [[https://github.com/patientplatypus/professional\\_portfolio](https://github.com/patientplatypus/professional_portfolio) ]**

A project featured on my blog, I remade Google Finance using Victory Charts (a D3 library).

### **PICTURE SWAPPER [<https://github.com/patientplatypus/pythonpictureswapper>]**

I made an app that lets people “buy” pictures from the internet and trade them with other users. The fake money/points used inflates over time, going to the poorest 20% of users. It features: CSS animations, logins, REST API, modals, interactions with other users, emojis (:D). The tech: React front end with Python Rest API backend pushed to heroku.

### **PYTHON IDE SCHOOL AID [[https://github.com/patientplatypus/kiwi\\_compute](https://github.com/patientplatypus/kiwi_compute)]**

During the recent ATXHack4Change my group made a Python IDE specifically designed to be easy to use for middle schoolers. It features: material design, secure log in and saving features in node.js using bcrypt and promise based architecture. The tech: node.js, bcrypt, material design, React front end.

## WORK EXPERIENCE

### **INDEPENDENT SECURITIES / OPTIONS TRADER**

**2012-PRESENT**

- Self financed through options trading in the tech sector for 5 years.
- Traveled extensively in Asia, India, Australia, and South America.

### **SENIOR FINANCIAL ANALYST, CAPITAL ONE FINANCIAL**

**2011-2012**

- Responsible for multiple business cases in excess of \$1M
- Designed and implemented cost/capacity allocations process for Digital Finance (\$150M+ budget).

### **COUNTRY ANALYST / RESEARCHER, COMPANY, FEDERAL RESERVE DC**

**2008-2010**

- Responsible for maintenance of statistical catalog in Unix based time-series environment.
- Created reports presented during Pre-FOMC briefings to the Board of Governors.

## EDUCATION

**General Assembly, Austin Campus** - Web Development Immersive

**University of Illinois at Urbana-Champaign** - B.A. Mathematics, Statistics, and Economics.