

# Kevin A. Cunanan

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## EDUCATION

### Claremont McKenna College

Computer Science and Philosophy Double Major, Graduation Spring 2018

**Past Courses:** Data Structures & Advanced Programming, Distributive Software Architecture, Fundamentals of Computer Science, Discrete Structures, Special Topics: Compression, Special Topics: Big Data Platforms/Applications, Computability and Logic, Algorithms

**Current Courses:** Programming Languages

**Awards:** 3<sup>rd</sup> Place in Advanced at 5CHackathon 2016, 1<sup>st</sup> Place at Robert Day School Case Competition 2016, 2<sup>nd</sup> Place at LinkedIn HR Hackathon 2015, Best App for Scaling Human Connection at 5CHackathon 2015

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## WORK EXPERIENCE

### NASA - Jet Propulsion Laboratory

*Software Engineer Intern*

May 2017– July 2017

- Coordinated with teams to develop weekly deliverables using AGILE
- Utilized Polymer and NodeJS to create components and libraries for an integrated modeling system
- Spearheaded development on reviving an outdated Django CMS application for internal JPL sites

### UFuzzy.com

*Lead Developer*

June 2016 – November 2016

- Analyzed viable and cost-effective apps and products for a growing small business using Shopify
- Coordinated with content team to develop site and manage traffic of over 1.8K unique visitors
- Successfully increased revenue by +\$1.5K per day on average since site launch in late July

### Code For America

*Front End Developer Intern, Marketing*

June 2015 – August 2015

- Assisted the Marketing Team with updating site content and styles to reflect their mission and goals
  - Co-conducted UX sessions with local governments on Products Page to understand client needs
  - Forked and reprogrammed Node.js data visualization app to display real-time Summit registration data
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## PERSONAL PROJECTS

### VBWire (Startup)

*Volleyball Content Platform*

May 2017 – Present

- Manage team of developers weekly to plan and develop frontend and backend features
- Coordinate with UX to build user-friendly software and functionality
- Implemented code review and workflow system to facilitate development and deploy new features

### Braintense (Hackathon)

*Electroencephalogram and Electromyogram (EEG and EMG) simulation*

April 2016

- Constructed a circuit to convert electric muscle activity into digital readings
  - Hacked a EEG headset by soldering and rerouting the output into an Arduino
  - Extracted data from both technologies to simulate pushing a virtual block in real time
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## SKILLS AND INTERESTS

**Programming Experience:** Version Control, MapReduce, TF-IDF, Data Visualization, Image Compression, LZ77, Cron, APIs, Web Scraping, Single Page Applications, AJAX, Relational Databases, NoSQL

**Frameworks:** Angular2, Polymer, Django, Ruby On Rails, Laravel, Node.js, Jekyll, Spark, Hadoop, Arango

**Languages:** Java (proficient), Python (proficient), PHP (experienced), Ruby (proficient), Haskell (proficient), SQL (proficient), HTML (experienced), CSS (experienced), JavaScript (experienced)

**Personal Projects:** VBWire, Serviz\*, c^3\*, Camp Kesem Newsletter, SOURCE Year End, Shmoothies.com, LumenApple, Cat Infrared-Detector, Braintense\*, Find Enchiladas, Claremont Rise, Granada Hills Speech & Debate Feed, Dining2Know\*, Claremont Volleyball

\* - Denotes Hackathon Project