

Kevin A. Cunanan

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EDUCATION

Claremont McKenna College

CS, Philosophy BA, Graduation Spring 2018

Relevant Coursework: Big Data Platforms/Applications, Compression, Distributive Software Architecture, Algorithms, Data Structures & Advanced Programming

In Progress: Programming Languages

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

WORK EXPERIENCE

NASA - Jet Propulsion Laboratory

Software Engineer Intern

May 2017– July 2017

- 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- Spearheaded development on reviving an outdated Django CMS application for internal JPL sites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

- Managed site content and UI to reflect company's 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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PROJECTS

VBWire (Startup)

Volleyball Content Platform

May 2017 – Present

- Lead development on frontend and backend technologies to build a clean single page application
- Collaborate with UX to direct product vision and coordinate development
- Implemented code review and workflow system to facilitate development and contributors' code

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: Big Data, MapReduce, TF-IDF, D3js, Compression, File Compression, Cron, APIs, Web Scraping, Single Page Applications, AJAX, NoSQL, AWS

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

Languages: Java, Python, PHP, Ruby, Haskell, SQL, HTML, CSS, JavaScript

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

* - Denotes Hackathon Project