

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: Tweets, 'grams, & Vines (Compression), Special Topics: Big Data Platforms/Applications, Linear Algebra

Current Courses: Algorithms, Computability and Logic

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

WORK EXPERIENCE

Ukiyo Designs

Software Contractor

May 2016 – Present

- Create powerful application mockups to help facilitate discussion and gauge client needs
- Develop weekly in HTML, JavaScript, and Liquid to create deliverables and discuss with clients
- Use Google Analytics and Goal Tracking to monitor success of site and specific pages

UFuzzy.com

Lead Developer

June 2016 – November 2016

- Analyze viable and cost-effective apps and products for a growing small business using Shopify
- Coordinate 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

Braintense (Hackathon)

Electroencephalogram and Electromyogram (EEG and EMG) simulation

April 2016 – Present

- 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

Find Enchiladas

Web Scraper and Personalized Notification System

March 2015 – Present

- Developed PHP web scraper that saves and sorts menu information from 7 different dining halls
 - Utilized Twilio, PHP, and MySQL to deliver SMS notifications when a user's favorite food is served
 - Created settings function to allow users to turn off notifications and change dining halls to search
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SKILLS AND INTERESTS

Programming Experience: Version Control, MapReduce, TF-IDF, Data Visualization, Image Compression, LZ77, Cron, APIs, Laravel 5, Web Scraping

Frameworks: Angular2, Laravel 5, Ruby On Rails, Node.js, Jekyll, Spark, Hadoop, Shopify

Languages: C++ (proficient), Java (proficient), Python (proficient), PHP (experienced), Ruby (proficient), MySQL (proficient), Git/GitHub (proficient), HTML (experienced), CSS (experienced), JavaScript (experienced), Liquid (experienced)

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

* - Denotes Hackathon Project