

Andrew Arifin

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EDUCATION

- **University of California, Los Angeles** Los Angeles, CA
Computer Science, B.S. Sept 2015–Dec 2019
 - **Coursework:** Algorithms, Operating Systems, Databases, Data Structures, Computer Security, Computer Networks, Artificial Intelligence, Machine Learning, Programming Languages, Computer System Architecture, Compiler Construction

SKILLS SUMMARY

Programming Languages: Javascript, Python, C++, C, Lisp, Scheme, PHP

Technologies: React, Redux, Node.js, Express.js, Vagrant

EXPERIENCE

- **Grey Lake** Los Angeles, CA
Web Development Consultant Jan 2019 - Present
 - **Core Product Front-end Development:** Designed and implemented front-end framework for the web platform using React and Redux. Oversaw implementation of coding standards and code review.
 - **Beta Feature Implementation:** Built out user registration and management, photographer asset upload, and purchase checkout flow features as part of Beta launch.
- **Apple** Cupertino, CA
Data Science Intern Jan 2018 - Sept 2018
 - **Document Similarity Detection System:** Utilized NLP techniques like tf-idf and doc2vec to vectorize free-form text and determine document similarity. Architected and implemented project architecture, including Cassandra and MySQL schemas and a Python data pipeline. Conducted user studies to evaluate performance of our models.
 - **Auxiliary Team Support:** Analyzed several datasets using Jupyter Notebook and pandas to provide support and new insights for auxiliary teams.
- **Tile** San Mateo, CA
Full Stack Intern on Web & Monetization Team Jun 2017 - Sept 2017
 - **Apple Pay:** Increased website conversion rate by implementing Apple Pay into the existing payment flow, working with payment processors like CyberSource and Netsuite. Improved customer security and privacy using Apple's JavaScript Apple Pay library.
- **OneRent** San Jose, CA
Software Engineer Intern June 2015 - Aug 2015 & June 2016 - Sept 2016
 - **Sales Team Optimization:** Boosted marketing exposure by 40% through automated snail-mail and email delivery with the Lob API and Sendgrid API. Created Google Chrome Extension with Javascript and jQuery to improve sales team efficiency, helping set quarterly sales records. Halved the no-show rate of open-house attendees by architecting a 3-person project to create an online open-house scheduling system with NodeJS, Express, Google Calendar, and Twilio.

PROJECTS

- **San Francisco Energy Usage Data Visualization:** Analyzed and visualized the energy usage intensity of 470 municipal buildings in San Francisco, using Jupyter Notebook and Dash by plotly
- **spiro, IDEA Hacks 2017 3rd Place:** Developed iOS app with React Native to guide the users breathing rate, with adjustable hues and breathing intervals

LEADERSHIP

- **Theta Tau, Professional Co-Ed Engineering Fraternity** Los Angeles, CA
President, Treasurer, Director of Recruitment and Publicity Sept 2015 - June 2019
 - * **Internal Growth:** Developed leadership of younger members by providing workshops on communication and organization. Installed better systems for officer elections, finances, and overall logistics.
 - * **Recruitment:** Spearheaded the planning of record-breaking fraternity recruitment week with 100+ attendees. Obtained corporate sponsorships with Red Bull, Chick-Fil-A, Veggie Grill, and local businesses.