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# Kevin Wang

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## EDUCATION

**University of California, Berkeley** - *Bachelors of Arts, Computer Science*

*Cumulative GPA: 3.61*

*August 2016 - August 2020*

**Relevant Coursework:** Data Structures, Computer Architecture, Discrete Math and Probability Theory, Artificial Intelligence, Algorithms, Computer Security, Operating Systems, iOS, Databases, Machine Learning, Principles of Data Science

## KEY SKILLS

**Languages:** Java, Python, Javascript, CSS, HTML, SQL, C, Golang, C++, Swift, YAML, Scheme, Spark, RISC V

**Databases:** MySQL, Maria DB, Oracle DB, Firebase, PostgreSQL

**Frameworks:** React, Jenkins, Node, Lodash, Jest, Enzyme, Postman, Spring, JUnit, Selenide, Bootstrap, jQuery, Jupyter, Meteor.js

**Interests:** A Cappella, Swimming, The Office, Escape Rooms, Arranging Music, Game of Thrones, Runescape

## WORK EXPERIENCE

**Splunk** *Python, Flask, RabbitMQ, Celery*

*May 2019 - Aug 2019*

*Software Engineer Intern - Back End*

*San Francisco, CA*

- Developed an automated release pipeline for clients, incorporating various API's including Jenkins, Jira, Slack, and SMTP.
- Reduced the release process from 1 day to 1 hour for over 50 Splunk technical add-on release products.
- Built a task engine microservice that receives tasks with a Flask API that distributes requests to parallel workers.

**Sabre Corporation** *Java, React, HTML, CSS*

*May 2018 - Aug 2018*

*Software Developer Intern - Full Stack*

*Southlake, TX*

- Built a user portal enabling clients to implement corporate travel policies using React and Redux.
- Designed and implemented 2 REST API's to handle 1000's of client corporate travel requests using YAML.
- Improved code coverage of unit and integration tests by 60%, using JUnit, Mockito, Jest, Enzyme and Selenide.

**Worldly** *JavaScript, Meteor.js, HTML, CSS*

*Dec 2017 - Apr 2018*

*Software Engineering Intern - Front End*

*San Mateo, CA*

- Enabled annotation, translation, and definition features to aid students with reading academic journals.
- Integrated the Google Translate and Oxford Dictionary API's to enable drop down functionalities for the product.

**Able2Shine** *Java, JavaScript, HTML, CSS*

*May 2017 - Jun 2017*

*Software Engineering Intern - Full Stack*

*San Jose, CA*

- Developed a comment-based student-teacher feedback system to enhance communication across the product platform.
- Spearheaded a UI redesign by rewriting components for responsive design and making listings more image-centric.

## PROJECTS

**Secure Data Store** *Golang*

*Oct 2018*

- Architected a secure data store that securely stores data without the data store knowing what is being stored.
- Incorporated asymmetric key encryption and hashing with user credentials to ensure data security and integrity.

## EXTRACURRICULARS

**Codeology**

*Berkeley, CA*

*Project Manager*

*May 2019 - Present*

- Managed multiple project developments with weekly meetings through the summer in preparation for Fall 2019.

*Project Leader*

**Homebuddy** *Firebase, Express, React, Node*

*Dec 2018 - May 2019*

- Designed and led front/back end teams to create a web app that pairs students with "home buddies" to get home safely.
- Hosted design reviews for the UI with the front end team and for services with the back end team.

**Audioflexica** *Python*

*May 2018 - Dec 2018*

- Led 2 teams of 6 programmers to create an audio mesh in Python that audio-responsive visuals.
- Assigned different roles, held weekly meetings and mini-lectures, and fixed issues for team members.

## AWARDS

**Sabre 2018 Intern Case Competition** *1st Place and People's Choice Award*

*Aug 2018*

- Competed against 11 other intern teams in a case competition in response to changing travel standards.
- Created a business case, UI mockups, and a 5-year financial forecast for our product with a team of 6 interns.
- Presented and demonstrated our product, a social media influencer travel bundle platform to the entire company.