Coriena Andy

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EDUCATION

University of California, Berkeley Bachelor of Arts, Computer Science   Graduating: Aug 2019

Coursework Algorithms, Artificial Intelligence, Computer Architecture, Databases, Data Structures, Operating Systems, Security

Cumulative GPA 3.6 | Transfer Scholarship Recipient

SKILLS

Python, C, SQL, java, Ruby, RISC-V, C++, HTML, CSS, Panda, Git, Distributed Computing

English, Mandarin, and Indonesian; Intermediate in Melayu (Malaysian)

RELATED EXPERIENCE

AutoGrid Inc., Redwood City, USA   May 2018 – Aug 2018
Software Engineering Intern
- Improved report for event dispatches in the company's Demand Response Optimization Management application
- Implemented Ruby on Rails to update the user interface to show accurate and more useful information
- Utilized security protocols, database management and supporting applications (Resque, Kafka) to gather information rendered in the new UI

Computer Science Academic Intern at University of California, Berkeley, USA   Jan 2018 – Present
Lab Assistant
- Assisted weekly lab sections by explaining core concepts and clarifying misinterpretations of lab problem questions, as well as facilitated lab check-offs to validate students' lab work
- Held office hours to encourage students to ask questions about the class content and to help debug their homework and projects

PT. Surya Paramitra Abadi, Jakarta, Indonesia   July 2017 – Aug 2017
Operations Consultant Intern
- Collaborated with Production Manager for Efficiency Improvement Project
- Submitted a research paper to the managers for the analysis of production lines through observational discern and online research

PROJECTS

Personal Website
- A creation of my personal portfolio - https://corienaandy.netlify.com/

Bear Maps
- A map of Berkeley that provides the way from one point to another that takes the shortest time. Map is generated by rastering images of different sizes and route searching is performed using the A* search algorithm.

Spam and Ham
- An email classifier using logistic regression model to predict ham against spam emails. Classification included: subject line, html usage, word choice, etc. The classifier tested against an email dataset on Kaggle and received 91% accuracy.

Yelp Restaurant Ratings
- A parallelized Yelp ratings application built using MapReduce paradigm to make predictive ratings in Apache Spark.

Adventure Game
- A terminal game written in C where you start at a meadow and find clues to discovering the treasure before getting killed.

AFFILIATIONS

- Codeology, University of California, Berkeley, USA   Jan 2018-Present
- Circle k, University of California, Berkeley, USA   Jan 2018-Present
- Honors Program, De Anza College, Cupertino, USA   Aug 2016- June 2017
- Developers' Guild Computer Science Club, De Anza College, Cupertino, USA   Aug 2016-June 2017
- De Anza Associated Student Body Senate of De Anza College, Cupertino, USA   March 2016 – March 2017
- UNICEF Club, De Anza College, Cupertino, USA (President)   Jan 2016 – Jan 2017