

KENNETH B. ASHLEY

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EDUCATION

Mathematics - Computer Science, B.S.

September 2015 - June 2019

University of California, San Diego

Expected Graduation 2019, Current GPA: 3.2

TECHNICAL SKILLS

Computer Languages

Java, Python, SQL, C, C++, Scala, MATLAB, Basic HTML/CSS/JavaScript

Software & Tools

Git, vim, IntelliJ/Android Studio, Microsoft Office

Interests

Machine Learning, Android Development

EXPERIENCE

Software Engineering Intern

June 2017 - September 2017

SEC Electric Company - Alameda, CA

- Developed a classifier for electrical device errors to improve response times and customer relations
- Analyzed event logs using Spark machine learning and process mining to determine device errors
- Created a Kafka streaming platform to receive event logs and classify problems as they occurred
- Helped build a JavaScript web UI to interact with the software and query a MySQL database of analysis data

IT Assistant

September 2016 - June 2017

University of California, San Diego

- Solved a variety of software and hardware issues for UCSD faculty
- Built and deployed new computers

Technical Intern

June 2016 - August 2016

KoreFabrik, Inc. - San Ramon, CA

- Wrote Python scripts and researched information to help develop and test their product: a social media platform that connects college students and alumni in their respective professional fields

PROJECTS

DejaPhoto

March 2017 - June 2017

kenashley.me/projects/dejaphoto

- Android application developed in a team of 6 for Software Engineering at UCSD
- Changes phone wallpaper using an algorithm that incorporates current location, time of day, "karma", and more
- Uses a friends list system for users to share photos with each other and give karma to other photos
- Photos are stored in a Firebase database with an account system for individual data
- More projects and details on personal website, kenashley.me

EXTRA-CURRICULAR ACTIVITIES

Eagle Scout

March 2015

Alpha Phi Omega, Service Fraternity

September 2017