

EDUCATION

Chapman University

Fall 2015 - May 2019

B.S. Data Analytics

Program Honors, Cum Laude

University of Roehampton

Fall 2016

Semester Abroad in London

TECHNICAL SKILLS

- Web Development, Android Development, Machine Learning, Data Analysis, Database Schema Design, UI Design
- Languages: JavaScript, ReactJS, NodeJS, SQL, Python, Java, C++
- Tools: Tableau, Looker, AWS, Firebase, Git, Docker, Postman
- Design: Adobe Creative Cloud, Figma, User Testing
- Human: Nerdy jokes, compassion for others, curiosity, constant learning

SOFTWARE PROJECTS

Native Android Applications | *Java, Room, AndroidX technologies*

- Built a series of native Android applications for streaming video content, calculation, and reviewing restaurants and coffeeshops.
- Designed schema for a MySQL relational database and wrote ETL scripts to populate tables with the Yelp Open Dataset
- Constructed a RESTful API to perform secure CRUD operations across multiple platforms

Haiku the News | *Python, Natural Language Processing + API*

- Created a program using the Google News API, PyHyphen library, and the Natural Language Toolkit to programmatically turn news headlines into collections of haiku.

Computer Humor | *Python, Machine Learning*

- Constructed a generative machine learning model to create *The Onion* news headlines. Implemented a convolutional neural network to predict satirical headlines against serious headlines.

PROFESSIONAL EXPERIENCE

Cascara | *Founder, Full-Stack Engineer*

June 2019—Present

- Building a serverless web application for discovering local independent coffeeshops.
- Design schema for a NoSQL database and construct an API of AWS Lambda functions.

Prowl Magazine | *Web Developer*

July 2018—May 2019

- Managed a self-hosted WordPress news and media website, installed and updated plug-ins for custom functionality, and implemented style modifications requested by editorial staff.
- Deconstructed technical information to effectively communicate with non-technical teams.

Chapman University Dean of Students | *Administrative Assistant*

August 2017—May 2019

- Drafted a weekly newsletter of campus events and announcements mailed to the entire student body.
- Covered administrative desks when the executive assistant was not present.