

# ALICE NGUYEN

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## EDUCATION

**University of California, Riverside** | August 2017 – April 2020

Bachelor of Science, Computer Science

## PROJECTS

**SafeWalk** | made with React Native and Firebase

*University of California, Riverside*

- Produced a mobile application to ensure user's safety while walking alone with location tracking and voice recognition
- Handled database irregularities by debugging on the terminal to ensure a six second increase in location tracking

**MapRadish Web App** | made with Angular and MongoDB

*University of California, Riverside*

- Designed a web app visualizing ten thousand data points representing USC's curriculum rating
- Created Mongo database model which storing datapoints in a nested format, resulting in a 95% increase in loading speed of the visualizations
- Constructed the backend connection to database and wrote HTTP routes for frontend to retrieve data

**Web Search Engine** | made with React and Elastic Search

*University of California, Riverside*

- Created a web app that featured a search engine with the capacity to crawl through 5,000 URLs
- Effectively threaded crawler to handle multiple URLs at the same time, increasing crawl speed by 82%

## EXPERIENCE

**Mobile App Developer** | May 2019 – current

*MindTapp - Riverside, CA*

- Managed work with a team of five developers to create a mobile app for a psychological study
- Wrote code to clean Firebase when restructuring the way application stored data
- Responded to test subject's bug reports by debugging with Xcode console log

## LANGUAGES AND TOOL

### PROFICIENT

C++, Python, React-Native,  
JavaScript, Firebase

### FAMILIAR

Java, SQL, HTML/CSS,  
Mongo-DB

### TOOLS

GIT, Unix, AGILE methodology

## EXTRACURRICULARS

**Woman in Computing (ACM-W) Officer** | Secretary

*University of California - Riverside, CA*

- Supported the female community in the Computer Science department by providing a safe space
- Effectively communicated with professionals to facilitate networking events for members
- Managed board's schedule and tasks through Trello, Slack, emails, and Google Docs