

# First Last

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## EDUCATION

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State University, City, State

August 2016 - May 2020

- GPA: 3.54
- *Relevant Coursework:* CSCI 241 Data Structures, MATH 214 Foundations of Math, MATH 211 Linear Algebra, MATH 351 Applied Statistics

## WORK EXPERIENCE

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Software Development Intern, Small Startup

May 2018 - current

- Developed an easy-to-use wrapper in React and Node.js for Parse/MongoDB to be used internally to allow other employees to make common queries efficiently without having to interact directly with Parse Dashboard
- Automated common interactions with the database to speed up common actions such as resetting customer passwords, setting up new teams, and viewing integration logs more easily

Peer Scholarship Advisor, State University Scholarship Office

August 2016 - current

- Added new features to Scholarship Search website (scholarshipsearch.wm.edu) using AngularJS
- Reviewed and edited student applications to a variety of competitive scholarships and programs, such as the Fulbright, Boren, and Critical Language Scholarship

Research Assistant, On Campus Lab

September 2017 - May 2018

- Developed algorithms in R to analyze shark data to assess biologically valuable metrics such as tailbeat frequency and shark behavior
- Wrote C++ code to collect accelerometer and other sensor data from arduino-based shark tags

Research Assistant, Local Research Lab

January 2017 - August 2017

- Made quantitative and qualitative assessments of aid through review of both scholarly articles and news articles
- Analyzed Excel spreadsheets with financial and sector details on over 1500 different aid projects
- Constructed a joint narrative report covering donors' engagement on development in the Pacific Islands region since 2008 with two other students

## ACTIVITIES AND COMPETITIONS

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Hackathons

Early 2018

- **PearlHacks at UNC Chapel Hill**
  - Worked with a partner to use the IBM Watson Personality Insights API and Twitter API to determine a user's personality traits based on their most recent 300 tweets
  - Awarded Genesys prize for best machine learning and AI hack
- **SheHacks Boston**
  - Learned Vue.js JavaScript framework over the course of the 36-hour competition to build a web app that connects people to others in their area who can provide help during a disaster or emergency
  - Awarded CBRE prize for best hack that helps either the local community or environment

State University Entrepreneurship Week

November 2017

- Won first place out of six teams in a week-long pitch competition with an AI-based classroom assistant web app that uses professors' notes and assigned textbooks to answer student questions

State University Shark Tank

August 2017

- Pitched a machine learning-based project to a large audience at a Shark Tank-like competition at State University ("Why Microfinance Needs Machine Learning")
- Constructed examples using the scikit-learn library in Python and learned the details of how basic ML algorithms (k-nearest-neighbors, linear regression) work using online resources and MOOCs

## RELEVANT SKILLS AND INTERESTS

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- **Technical:** JavaScript, React, Angular, Node.js, Java, Python, Arduino, CSS, and HTML
- **Other Skills:** Experience with Adobe Photoshop and InDesign, Microsoft Excel, and GIS software
- **Interests:** guitar and songwriting, bodyweight fitness