

EDUCATION

Arizona State University 2018 - present
 Majors: Computer Science, Mathematics
 GPA: 4.0

EXPERIENCE AND ACTIVITIES

Pwndevils 2018 - present
 Member of the ASU cybersecurity club, participating in weekly competitions.
Left Hand Robotics, Inc. 2017 - 2018
 Software intern at a company that designs and manufactures autonomous snow clearing robots. Responsible for writing code that keeps track of inventory, deploys new versions of code to the robots, and computes the robot's location using spherical trig. The robots were controlled using raspberry pi's.
FIRST Robotics Team 1619 2014 - 2018
 Strategy Subteam Lead and Founder 2015 - 2018
 Founded a subteam that builds systems to collect and analyze data about the robots that my team competes against. Inputs to the most recent system included data from the competition's API, a custom iOS application, and qualitative data aggregated in a spreadsheet. Outputs to the system included a Slack bot that could generate match predictions based on an Elo model and match previews with graphics based on collected data. The server also outputted a spreadsheet which was used to generate a pick list.
Colorado Math Circle 2015 - 2017
 Member of a 30 person high school team representing Colorado at the American Regions Mathematics League.
Niwot High School Font Club 2017- 2018
 Founded a club in my school that discussed typography from ligatures to L^AT_EX.

VOLUNTEER EXPERIENCE

Engineering Projects in Community Service 2018
 Member of a team of undergraduate engineers working to improve accessibility in Papago Park.
FLL and FTC Robotics Mentor 2017 - 2018
 Mentored 5 middle school FIRST LEGO League teams and one middle school FIRST Tech Challenge team.
Summer Camp Teacher 2017
 Led week-long summer camps on Java and cryptography for middle school students.
App Developer 2017 - 2018
 Developed an iPad application for my high school's English department to help students analyze poetry.

HONORS AND AWARDS

Hack Arizona: Best Visualization of Sensor Data 2019
ASU Engineering Dean's List 2019
ASU Entrepreneurship + Innovation Fellow 2018
 AP Scholar with Distinction 2018
New American University Scholar - Provost's Award 2018
National Merit Semifinalist 2017
FIRST Dean's List Semifinalist 2017
UNC Math Competition First Honorable Mention 2017

TECHNICAL SKILLS

Highly proficient in Java, Python, C, Javascript, Typescript, MySQL, and L^AT_EX. I am also familiar with CSS, HTML, R, C++, Prolog, Scheme, and Swift.

HOBBIES

Enjoys playing board games, taking walks, and solving puzzles on projecteuler.net.