Avi Z. Moskoff

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EDUCATION

Arizona State University .... 2018 - present
Relevant Coursework:
Probability and Statistics for Engineering Problem Solving
Object Oriented Programming and Data Structures

EXPERIENCE AND ACTIVITIES

Pwndevils .... 2018 - present
Member of the ASU cybersecurity club.

ASU Math Club .... *2018 - present*
Member of the ASU math club.

ASU Linux User's Group .... 2018 - present
Member of the ASU Linux User's Group.

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.

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.

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 discusses typography from ligatures to LaTeX.

VOLUNTEER EXPERIENCE

Engineering Projects in Community Service .... *2018 - present*
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.

Drop-in Nights Instructor .... 2016 - 2017
Taught elementary school students how to code.

HONORS AND AWARDS

ASU Grand Challenges For Engineering Scholar 2018
ASU Entrepreneurship + Innovation Fellow 2018
New American University Scholar - Provost's Award 2018
Up-A-Creek Robotics Lifetime Achievement Award 2018
National Merit Semifinalist 2017
Up-A-Creek Robotics MVP Award 2015, 2016, 2017
FIRST Dean's List Semifinalist 2017
UNC Math Competition First Honorable Mention 2017

TECHNICAL SKILLS

Highly proficient in Java, Javascript, Typescript, Python, MySQL, and LaTeX. I am also familiar with CSS, HTML, R, C, and Swift.

HOBBIES

Enjoys playing board games, riding my bike, reading books, watching movies, listening to podcasts, and competing in cybersecurity competitions.