Jonan Seeley

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EDUCATION

Carnegie Mellon University — Pittsburgh, PA
Bachelor of Science in Computer Science
QPA: 3.11/4.00

EXPECTED GRADUATION MAY 2021

Thomas Jefferson High School — Jefferson Hills, PA
QPA: 4.00/4.00

GRADUATION 2017

WORK AND VOLUNTEER EXPERIENCE

Teaching Assistant — Pittsburgh, PA
15-110 Principles of Computing

SUMMER 2018

Taught labs and held office hours several times per week. Provided one-on-one tutoring assistance. Managed autograding platform for programming assignments and lab exams.

Pittsburgh Supercomputing Center — Pittsburgh, PA
DevOps Assistant

JUNE 2016 - MAY 2018

Worked with the Systems team focusing on maintaining the supercomputers and monitoring their availability and efficiency.

Jefferson Hospital — Jefferson Hills, PA
Guest Shop Volunteer

JANUARY 2014 - FEBRUARY 2015

Staffed the counter and prepared small meals for visiting family members.

ACTIVITIES

Plaid Parliament of Pwning — Carnegie Mellon University *Position: Member*

Hacking club focused on discovering and exploiting vulnerabilities in online and in-person competitions.

Computer Club — Thomas Jefferson High School
Position: President

Organization focused on exposing students to Computer Science and teaching them about the interesting topics in the field.

STEM Club — Thomas Jefferson High School
Position: President

Club focused on making STEM fields more interesting and exciting within the school and surrounding community.

SKILLS

Scripting skills in Python.

Comfortable with UNIX environments and utilizing command line tools.

Experience working in large-scale production environments.

AWARDS

Deloitte StartUP Competition - 2018
3rd Place
Developed technological solution for civil problem in case competition

Algorithms with a Purpose - 2018
4th Place
Algorithm competition based on developing a competitive AI

picoCTF - 2017
3rd Place
CMU hacking competition for high school students

CSAW HSF - 2016
1st Place Northeast Team
NYU computer forensics competition for high school students

RELEVANT COURSEWORK

Great Theoretical Ideas in Computer Science

Parallel and Sequential Data Structures and Algorithms

Principles of Functional Programming

Principles of Imperative Programming

Matrices and Linear Transformations

LANGUAGES

Python, C, SML, Java, HTML