

Jonan Seeley

Sophomore

Personal Info

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Relevant Courses

(15-251) Great Theoretical Ideas in Computer Science

(15-210) Parallel and Sequential Data Structures and Algorithms

(36-218) Probability and Statistics for Computer Scientists

(15-150) Principles of Functional Programming

(15-122) Principles of Imperative Programming

Awards

Deloitte StartUP

3rd Place

Planned company based around bettering life in Pittsburgh in 72 hours

Algorithms with a Purpose

4th Place

Developed artificial intelligence to compete in a war-like scenario in 8 hours

Skills

Programming: Python, C, SML, Java, HTML, CSS, LaTeX

Technologies: Tesseract OCR, OpenCV, Grafana, InfluxDB, Redfish

Education

Carnegie Mellon University — Pittsburgh, PA

Bachelor of Science in Computer Science

QPA: 3.11/4.00

Expected May 2021

Experience

Teaching Assistant — Pittsburgh, PA

15-110 Principles of Computing

June 2018 - August 2018

- Taught recitations and held office hours several times per week
- Provided one-on-one tutoring assistance
- Managed autograding platform for 11 programming assignments and 2 lab exams

DevOps Assistant — Pittsburgh, PA

Pittsburgh Supercomputing Center

June 2016 - May 2018

- Collaborated with the Systems team to maintain supercomputers
- Ensured that supercomputers utilization was monitored and above 75%
- Researched and implemented useful technologies for further maintenance

Projects

TriviaBot

- Developed Python script that parsed and answered HQ Trivia questions
- Utilized popular vision APIs in order to scrape information from images
- Implemented basic natural language processing ideas

TextToLaTeX

- Wrote small program to parse text files and produce visually appealing LaTeX documents
- Published code for open-source use