Jonan Seeley

Junior

Personal Info

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Relevant Courses

*(15-410) Operating System Design and Implementation

(11-411) Natural Language Processing

(15-251) Great Theoretical Ideas in Computer Science

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

* Fall 2019

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, C++
    Java, SML
Technologies: Django, NTLK,
    Tesseract OCR,

Education

Carnegie Mellon University — Pittsburgh, PA
Bachelor of Science in Computer Science
QPA: 3.21/4.00   (Expected May 2021)

Experience

Teaching Assistant — Pittsburgh, PA
15-110 Principles of Computing
June 2018 - Present (Head TA Summer '19)

- 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

Boggle
- Wrote multiplayer web-based implementation of classic board game
- Used websockets to allow for asynchronous communication
- Utilized basic software engineering principles to smooth development

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