

Jonan Seeley

Senior

Personal Info

Email: jseeley@cmu.edu

Website: jseeley.me

Github: jonanseeley

Relevant Courses

15-410 Operating System Design and Implementation

15-445 Database Systems

15-451 Algorithm Design and Analysis

11-411 Natural Language Processing

10-315 Introduction to Machine Learning

15-317 Constructive Logic

15-281 Artificial Intelligence

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: C, Python, C++
Java, JavaScript, SML

Technologies: Django, NTLK,
Tesseract OCR,

Education

Carnegie Mellon University — Pittsburgh, PA

Bachelor of Science in Computer Science

Concentration in Computer Systems

QPA: 3.18/4.00

(Expected May 2021)

Experience

Software Development Intern — Remote

Amazon

June 2020 - Present

Teaching Assistant — Pittsburgh, PA

15-110 Principles of Computing

June 2018 - Present (Head TA Summer '19)

- Led recitations and held office hours several times per week
- 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%

Projects

Boggle

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