

Avi Glozman

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US Citizen

Education

University of Pittsburgh, Pittsburgh, PA

B.Sc. in Computer Science

August 2018 — December 2020 (Expected)

Skills

Programming languages: Java, Python, C/C++, C#, Node.js, SQL (MS, My, Postgres), NoSQL (DynamoDB, MongoDB), HTML/CSS, \LaTeX

Learning about: MIT Gen, Julia, Flux, PyTorch, Computer vision

Technologies: Azure, Git, Docker, AWS, Windows, MacOS, Linux

Techniques: Agile, REST, TDD, SOLID

Spoken languages: English, Russian, Hebrew, Spanish, Mandarin (from most to least fluent)

Professional Experience

University of Pittsburgh, SCI, Pittsburgh, PA

Undergraduate Researcher, Learning Technologies Lab

November 2019 — Present

- Working with Python to do data analysis of various research-related publications/documents, in order to suggest relevant projects to undergraduates who want to participate in research.

Uber Advanced Technologies Group (ATG), Pittsburgh, PA

Software Engineering Intern, Simulation

May 2019 — August 2019

- Implemented map structures and related algorithms in Python to prevent duplicate data from being processed
- Developed algorithmic solutions to complex data-syncing challenges relating to the ETL process
- Contributed significantly to an API written in Go for data analysis in production
- Inspired significant changes to the organization's database stack by highlighting the lackings of MySQL relative to requirements

aspace, Seattle, WA

Software Engineer, Backend

June 2017 — October 2017

- Designed databases using both MySQL and MongoDB
- Designed and wrote a RESTful JSON API using Node.js and Express.js
- Wrote an implementation of Dijkstra's algorithm using Node.js for use during navigation
- Used Twilio's SMS API to integrate two-factor authentication into the backend

Technical Projects/Interests

rentnexus

- Work-in-progress SaaS for optimizing property management, by creating a centralized platform that covers every base and makes operations cheaper.

AI safety and alignment research

- Constantly learning about, and hoping to work on, potential solutions/ideas/approaches to the various open problems surrounding artificial general intelligence and its massive significance.

Extracurriculars

$K\Theta\text{II}$, Brother and Programming Chair

September 2018 — Present

Pitt Computer Science Club (CSC) Member

September 2018 — Present