

Avi Glozman

(+1) 425.802.6718 — avi@avigloz.net — <https://avigloz.net> — GitHub: /avigloz
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

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
- Scraping faculty-related pages using BeautifulSoup, collecting hundreds of data records with great efficiency

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

rentnexus

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

Anonymous real-life tracking framework

- Using anonymous device-to-phone pairing to enable real-life interactions where no personal data is required.

Extracurriculars

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

September 2018 — Present

Pitt Computer Science Club (CSC) Member

September 2018 — Present