

# Avi Glozman

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US Citizen

## Education

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**University of Pittsburgh**, Pittsburgh, PA

B.Sc. in Computer Science

August 2018 — December 2020 (Expected)

## Skills

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**Programming languages:** Java, Python, 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

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**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

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rentnexus

- A site that allows students that are renting or have rented apartments/houses around campus to review the accommodations, landlords, ease of transportation to/from school, etc.

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

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

September 2018 — Present

Pitt Computer Science Club (CSC) Member

September 2018 — Present