# 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)
**Learning about:** PyTorch, computer vision, functional programming, augmented reality
**Technologies:** Git, Docker, Azure, AWS, Windows, MacOS, Linux, HTML, CSS, LaTeX
**Spoken languages:** English, Russian, Hebrew, Spanish, Mandarin *(from most to least fluent)*

## Professional Experience

**University of Pittsburgh, SCI**, Pittsburgh, PA
*Programmer, Office of the VC of Science Policy and Research Strategies*          *February 2020 — Present*
- Using BeautifulSoup to scrape thousands of public NIH records for data analysis

*Undergraduate Researcher, Learning Technologies Lab*                    *November 2019 — Present*
- Using Python to analyze large volumes of research-related publications/documents in order to create research recommendations for students
- Using BeautifulSoup to efficiently scrape hundreds of faculty profiles to gain various insights, such as specific research interests

**Uber Advanced Technologies Group (ATG)**, Pittsburgh, PA
*Software Engineering Intern, Simulation*                              *May 2019 — August 2019*
- Developed algorithmic solutions to complex data-syncing challenges relating to the ETL process
- Implemented map structures and related algorithms in Python to prevent duplicate and/or broken data
- 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

## Highlighted Technical Projects

Synesthesia *(open source)*
- Program that creates unique patterns/visualizations for any sort of audio, by algorithmically interpreting and "displaying" the sound in a visually satisfying manner (using C++).

... among several others, accessible on my GitHub!

## Extracurriculars

$K\Theta\Pi$, Brother and Programming Chair                            September 2018 — Present
Pitt Computer Science Club (CSC) Member                              September 2018 — Present