

TED GERSHON

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EDUCATION

Carnegie Mellon University

Pittsburgh, PA

B.S. Information Systems, GPA: 3.43/4

Expected December 2026

- Relevant Coursework: Data Structures & Algorithms, The Information Systems Milieux (Database Design, Front-end Development), Logic & Proofs, Linear Algebra, Statistics, Multivariable Calculus

NCAA ATHLETICS

Carnegie Mellon Varsity Tennis

Aug 2023 — Present

- Member of #2 NCAA DIII Tennis Recruiting Class
- Strengthened prioritization skills through balancing a full academic workload, a 15-hour per week athletic commitment, and extracurricular obligations

PROJECTS

LASAlle - C++

<https://github.com/tedgershon/LASAlle>

- Created an airport navigation tool which uses linked lists in C++ to route flights to and from Austin Bergstrom airport, optimizing connections, proximity to neighboring airports, and time data to do so

Complex Static Library - C++, Git, Kanban, Scrum

<https://github.com/LasaACP/komplexkanban>

- Developed a static library alongside three team members which manages complex numbers, related functions, and is supported with a makefile and driver program

Anti-Flaring Patrol

Sept 2021 — May 2022

- Created a website, interactive games in HTML, and social media page to raise awareness for flaring of natural gas in the Texas Permian Basin. Led informative campaign on routine vs. emergency flaring, ESG investments, Texas politics with the Railroad Commission, EDF objectives, and the international market for natural gas

LEADERSHIP

Generation SERVE

Austin, TX

Certified Activity Leader

Jan 2022 — Aug 2023

- Applied and was selected to a **12-person** Youth Leadership cohort which trained teens to lead non-profit events
- Managed materials, communicated with event organizers, checked in volunteers, and led **2+** events per month at parks, retirement homes, food banks, community centers, and more across a network of **112** non-profits

“Service in Nature” Program Co-Leader

Feb 2020 — May 2020

- Co-led a program that met every weekend for three months to teach **11** K-12 students about sustainability practices and took them on field trips to plant trees, clean up parks, and aid Austin Creative Reuse, a local non-profit

LASA Varsity Tennis Team

Austin, TX

Team Captain

Aug 2022 — May 2023

- Created [line-up spreadsheets](#) for team matches through predictive analysis using the Universal Tennis database, led weekly varsity practices and fitness, met with incoming 9th graders interested in tennis, and managed team communication
- Line-up spreadsheets created with UTR were used in **14** regular season matches and **6** UIL 5A matches to send LASA tennis to its **first ever** state championship and Austin ISD's first state championship in **40+ years**

EXPERIENCE

Students Using Data Science for Social Good (SUDS)

Pittsburgh, PA

PDAPxAPA Project Member

Sept 2023 — Present

- Conducting data analysis and visualization on police arrest and citation data to determine the impact of the City of Pittsburgh's 2015 marijuana ordinance on drug-related policing
- Using **Google Sheets**, **Numpy**, and **Pandas** for analysis and working with the Police Data Accessibility Project (PDAP) to create a summary report, with visuals formatted using **Matplotlib** and **Seaborn**

ScottyLabs

Pittsburgh, PA

Events Committee Member

Sept 2023 — Present

- Planned schedule for ScottyLabs' Portfolio Development Fair and led a [HTML workshop](#) for attendees
- Managed logistics, prizes, merch, and speakers to host TartanHacks 2024, CMU's largest Hackathon

SKILLS

Languages: Python | Java | C | C++ | HTML/CSS

Frameworks: Numpy/Pandas/Matplotlib | SQL | MongoDB | Figma/Trello/Kanban | L^AT_EX