

Sriram Iyer

gavinfreud.github.io | ramiyer1998@gmail.com | 484.682.3344

EDUCATION

UNIVERSITY OF PITTSBURGH

BS IN COMPUTER SCIENCE

MINOR IN STATISTICS, MATHEMATICS
AND JAPANESE

Expected May 2020 | Pittsburgh, PA

Cum. GPA: 3.48

Dean's List (F16, S17)

LINKS

GitHub: [GavinFreud](#)

Website: [gavinfreud.github.io](#)

Blog: [gavinfreud.github.io/blog](#)

COURSEWORK

UNDERGRADUATE

- Intermediate Programming with Java
- Discrete Structures in CS
- Data Structures
- Computer Organization and Assembly Language
- Intro to Systems Software
- Algorithm Implementation
- Linear Algebra
- Calculus I-III
- Formal Methods in Computer Science
- Introduction to Computer Vision

SKILLS

LANGUAGES

Extensive:

Java • Python • HTML/CSS

Familiar:

JavaScript • C • MATLAB

TECHNOLOGIES

Git • NumPy

LaTeX • Android

HACKATHONS

Games4Health (Oct 2017)

Pitt Challenge (Jan 2017)

Steelhacks (Feb 2017)

4th TNGI Weekend (Feb 2017)

EXPERIENCE

UNIVERSITY OF PITTSBURGH (IS DEPARTMENT)

APPLICATION PROGRAMMER

Jan 2017 - Present | Pittsburgh, PA

- Working on the development of an Augmented Reality solution for training in medical hand hygiene and sterile compounding techniques
- Working with **Unity** and **OpenCV**

UNIVERSITY OF PITTSBURGH (IT DEPARTMENT)

IT SUPPORT TECHNICIAN

October 2016 - Present | Pittsburgh, PA

- Provide base level IT support to non-technical personnel within the University
- Consistently maintain and upgrade hardware and software in labs and public offices

PROJECTS

NERO

Present

- Multipurpose bot written for the Discord voice/text messaging platform to play music, keep track of my cryptocurrency portfolio and a few other miscellaneous tasks
- Written in **Python** using **Discord.py**

HOUSING HELPER

Present

- Small program written for keeping track of the addresses, prices, and size of every apartment that I looked at so far with my friends
- Written in **Java**

NOTABLE OPEN SOURCE CONTRIBUTIONS

March 2017 - Present

- **Learn-Anything**: search engine which contains numerous publicly-created mindmaps developed to inform people on any topic (**JavaScript**, **HTML/CSS**)
- **Pitt API**: an API to easily get data from the University of Pittsburgh (**Python**)
- **PantherView**: a project between the Pitt Computer Science Club and the West Penn Regional Data Center. Essentially displays data gathered by the WPRDC onto a map for the public to view (**Javascript** and **HTML/CSS**)

ORGANIZATIONS

PITT COMPUTER SCIENCE CLUB

August 2016 - Present

- Student organization that holds talks, inspires projects and hosts events dedicated to bringing CS students together and improving their skills

INFORMATION SECURITY CLUB

January 2017 - Present

- Student organization dedicated to explore topics in the fields of hacking and cybersecurity through talks and competing in Capture the Flags (CTFs)

MATH CLUB

August 2016 - Present

- Student organization that holds talks and activities surrounding math research or topics that aren't normally covered in the normal curriculum