Sriram Iyer

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EDUCATION

UNIVERSITY OF PITTSBURGH
BS in Computer Science and Mathematics
Minor in Statistics and Japanese
Expected May 2020 | Pittsburgh, PA
Cum. QPA: 3.64
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
- Honors Introduction to Analysis
- Honors Linear Algebra
- Calculus I-III

SKILLS

LANGUAGES
Extensive:
Java• Python • HTML/CSS
MIPS• MOS 6502
Familiar:
JavaScript • C • MATLAB • Swift

TECHNOLOGIES
Git • Pandas • NumPy •
SciKit-Learn • LaTeX • Android

HACKATHONS

Pitt Challenge (Jan 2017)
Steelhacks (Feb 2017)
4th TNGL Weekend (Feb 2017)

EXPERIENCE

UNIVERSITY OF PITTSBURGH (CS DEPARTMENT)
Research Assistant
May 2017 - Aug 2017 | Pittsburgh, PA
- Extracted raw data from Brain Computer Interfaces
- Worked primarily in **Android**

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

REVERSE SNAKE
Present
- Currently working on programming a reverse game of Snake with the hopes to be able to have it run on an actual Atari 2600 cartridge
- Uses the **MOS 6502 Instruction Set**

IPHONE BLOG UPDATER
Present
- Working on an application for my phone which automatically informs me of new posts written on my favorite blogs
- Written in **Swift**

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