Sriram Iyer

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EDUCATION

UNIVERSITY OF PITTSBURGH
BS in Computer Science
Minor in Japanese
Expected May 2020 | Pittsburgh, PA
Cum. GPA: 3.73
Dean's List (F16, S17, S18, F18, S19)

LINKS

GitHub: RamIyer1998
Website: sriramiyer.me
Blog: sriramiyer.me/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
- Blockchain Technology and Cryptocurrency
- Programming Languages for Web Applications
- Introduction to Operating Systems*
- Introduction to Computer Graphics*

*In Progress

SKILLS

LANGUAGES
Extensive:
Java • Python • HTML/CSS
Familiar:
JavaScript • C • MATLAB

TECHNOLOGIES
Git • NumPy
LATEX • React

HACKATHONS

Games4Health (Oct 2017)
Pitt Challenge (Jan 2017)
Steelhacks (Feb 2017)
4th TNGL Weekend (Feb 2017)

EXPERIENCE

CERNER CORPORATION
Software Intern
May 2019 - August 2019 | Malvern, PA
- Implemented a Client-Hosted back-end system for an application with a front-end written in React
- Built a Docker container for the engine that runs many of Cerner's applications
- Expanded test coverage for the aforementioned React application
- Worked with **SpringBoot**, **Java**, **Selenium**, and **Docker**

UNIVERSITY OF PITTSBURGH (TOPIC EXPLORER)
Application Programmer
March 2018 - Present | Pittsburgh, PA
- Tasked to go through JavaScript, HTML/CSS, and Python code to debug certain issues to make the Topic Explorer more user friendly
- Altered the appearance of the application to make it more comprehensible to the user
- Working with **Javascript**, **HTML/CSS** and **Python**

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

AMADEUS CHEAP FLIGHT FINDER
- Basic web application that I am working on to find cheap flights using the Amadeus Low-Fare Flight Search API
- Written in **Typescript** and **Python** using **React**, **Django** and **Amadeus**

ARTIC COMPUTER VISION PROJECT
- Working on a model that discerns the artist of a work of art based on a corpus of high definition public domain images scraped from the Chicago Institute of Art's website
- The scraper was written in **Python** using **Requests** and **BeautifulSoup**
- Working on the model in **Python** with **PyTorch** and **FastAI**

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)