Aryan Srivastava

aryan_srivastava@brown.edu ❖ www.arysriv.com ❖ +1 (401) 588-0406 ❖ Junior, Brown University

EDUCATION

Brown University   **Sept 2018 - May 2022**
Sc.B Computer Science (Pathways: Systems, Data)   *Providence, RI*
- Coursework: Operating Systems, Systems, Logic, Data Structures, Probability for CS, Visual Arts, Music Theory
- Brown RISD Innovation Community - Founding Team Member, Co-Chair Fall 2020 - Present
- Brown Outdoor Leadership Training (BOLT) Leader
- Brown Barsaat - Business Manager

WORK EXPERIENCE

> Brown University Computer Science   **May 2020 - Present**
Systems Programmer, Operator, and Consultant   *Providence, RI*
- **Created an API** to serve live location, connection, and usage information about machines in the CS department, including status of machines - free, occupied, or broken. (Using Golang)
- **Wrote a plugin** for the Ganglia Monitoring System to track physical console users. (Using Python)
- **Creating a web-app** and **Command Line Interface** to display the status of all the machines in the Center for Information Technology (CIT) for use by students, faculty, and staff. (Using Django, Python)

> OyeSpace   **June 2019 - July 2019**
Innovation and Product Development Intern   *Bangalore, India*
- **Conducted extensive market research** for the company's gated community security system.
- Created and presented new features mockups, which were later adopted for development.

> Center for Computation and Visualization   **Sept 2019 – April 2020**
Software Engineering Intern   *Brown University, Providence, RI*
- **Created the backend** for an online live feed of the status of the 69 projectors that make up the Brown YURT virtual reality lab.
- Maintained the YURT - the projectors, the software, and the environment.
- Gave tours and demos of the YURT to students, faculty, and other visitors.

> Brown University Computer Science   **Jan 2019 - May 2019, Jan 2020 - May 2020**
Undergraduate Teaching Assistant   *Providence, RI*
- UTA for CS0110 - Computing Foundations: Data, and CS0040 - Introduction to Scientific Computing & Problem Solving. Languages taught in these courses - **Python, MATLAB, Pyret.**
- Responsible for **grading homeworks, holding TA hours, and creating course content.**

PROJECTS

- Weenix Operating System (2020): Implemented majority of the Weenix OS as part of the Operating Systems Course and its optional half-credit lab. I worked on threads, processes, drivers, file systems, memory management, and virtual memory.
- Speakspot (2017): Created a speech analytics app to help users identify filler words usage and keep track of other metrics. I worked on this project with 3 other co-founders at MIT Launch 2017 - a summer startup incubator.

SKILLS & INTERESTS

- **Skills: C, C++, Go, Python, Java, SQL, Linux, MATLAB, Scala, HTML, CSS, Photoshop**
- **Interests:** Ink drawing, portraiture & painting, a cappella singing, video gaming