ARYAMAN AGRAWAL

413-210-1517 | aryaman.agrawal21@gmail.com | aryamanagrawal.github.io
Github: AryamanAgrawal | LinkedIn: aryamanagraw

Education

University of Massachusetts Amherst   Sep 2019 - May 2023

Bachelor of Science – Computer Science   **GPA – 4.0**

Bachelor of Arts – Philosophy (Double Major)

- Member of the Commonwealth Honors College, Chancellor's Award, Dean's List

Skills

Languages: Java, Python, C++, JavaScript, Dart, Ruby, Bash, XML, YAML, Latex

Tools: Android, Flutter, Git, React.js, Node.js, Docker, React Native, Ruby on Rails, Firebase, MySQL

Experience

Software Engineering Intern - AVAVA Inc.   May 2020 | Greater Boston Area, MA

- Canceled due to COVID-19

Junior Systems Administrator - UMass IT Research Computing   Jan 2020 - Present | Amherst, MA

- Managing UMass's high-performance research computing at Holyoke based data center (MGHPCC)
- Analyzing usage data for 100+ researchers by engineering Python scripts and fetching SQL data
- Integrating numerous compute nodes into the Unity HPC Cluster, improving campus-wide research operations at UMass

Flutter and UI/UX Developer Intern - AYOrents   Jul 2019 – Sep 2019 | India

- Led front-end development of an e-commerce app using Flutter with Dart
- Devised a social media-based marketplace where influencers can list and promote products
- Formulated customized shopping experiences for users based on influencer and product preferences

Projects

Practikality: World Finalist at Microsoft Imagine Cup for inventing an Android app with unique modes to help people with hearing, speaking or visual disabilities.

Project-matching: Created an open-source web app with Ruby on Rails to help clubs manage projects and teams and devised a Minimum Viable Product (projectory) with Node.js and React.js.

PowerUp: Global Grand Prize Winner at Google Code-in for contributing to an open-source educational Android app to help pre-adolescents take care of their reproductive health.

Character-finder: Developed Python NLP tool to classify recurring characters in a fictional text.

PeekU: Built a video-sharing social media platform made for Android & iOS using Flutter.

Leadership

Software Developer – BUILD UMass: Developing an application tracking system with Django & Python. Spearheaded development of a community-helper app for UMatter at UMass using React Native.

Teaching Assistant – Holyoke Codes: Coordinating and managing workshops about Python programming for K-12 aspiring coders.

Mentor – FreshCICS: Managing a team to engage CS first years in professional development workshops.