Harsha Srikara

✉ harshasrikara@gmail.com   📍 Coppell, TX   📞 7329865731   in /harshasrikara   ⊘ /harshasrikara

Education

Bachelor of Science in Computer Science,   May 2022
University of Texas at Dallas
   GPA: 3.92/4.0
   Honors: Academic Excellence Scholar, Deans List, Phi Kappa Phi

Professional Experience

Software Engineer, *Brainspace, An Appgate Company* ⊡   Jun 2019 – present
- Designing full end-to-end automated testing suites using **Selenium**, **Jenkins**, **Java**, **TestNG** and **Gradle**
- Increased testing coverage to include validation of machine learning algorithms
- Built pipelines to manage data ingestion, management, processing and reporting via data visualization
- Worked in an agile environment with various cross-team collaboration tools including **JIRA**, **Github** and **Confluence**

Neuroanalytics Intern,   Jan 2019 – Jun 2019
Filbey Research Lab | Center for Brain Health ⊡
- Designed machine learning models using **Python**, **Tensorflow** and **Anaconda** to estimate marijuana addiction levels
- Created scripts in **C++** and **R** to handle real-time pre-processing of brain activity data
- Analyzed data on anatomical and functional neural activity to project trendlines and identify patterns in stress levels

Organisations

Association for Computing Machinery,   Apr 2020 – present
Director of Development ⊡
- Leading **6 teams** of **2-5 developers** to build projects that support student growth and success
- Integrating services including mailing, resume portals, discord bots, and more to provide a seamless user experience for members
- Directed ACM Hacktoberfest, North America's largest open-source student-run meetup with **400+ students**

HackUTD, *Technical Lead* ⊡   Apr 2019 – Apr 2020
- Organized the flagship hackathon of North Texas with **700+ attendees**
- Supervised team of 5 developers and designers to build dynamic registration and applicant management systems using **Angular**, **Vue** and **Ruby on Rails**
- Improved marketing campaigns to target an audience of over **2000 students**

Projects

TrackIT, *Real-time tracking system for event management*   Mar 2020 – present
- Grew user base to be **400+ students** and hosted **30+ workshops** over a period of 4 months
- Procured **10+ organizations** as clients and increased brand presence and audience to over **1500 students**
- Utilized **Typescript**, **React**, **Auth0**, **Material-UI**, **Serverless Computing**, and **Firebase**

Awards

D. E. Shaw Scholar, *ACM Richard Tapia Committee*   Sep 2020
- Full ride scholarship to attend Celebration of Diversity Conference

Hackcon Speaker, *Major League Hacking* ⊡   Aug 2020
- International Conference Speaker at MLH Hackcon on Hackathons to **1000+ attendees**

Academic Excellence Scholar, *University of Texas at Dallas*   Aug 2019