RAHUL ARASIKERE

Software Developer

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EDUCATION

9/2018 – 5/2022 ongoing	**Bachelor's Degree in Computer Science** CGPA: 3.06/4.0.	**Boston University**
2018	**CBSE 12th** 93%.	**Sindhi High School Hebbal**
2016	**ICSE 10th** 87%.	**Vidya Niketan School**

EXPERIENCE

6/2020 – 8/2020 — **Data Science Intern** — **Simplify360**

Worked on automated text tagging and classification based on the clients' requirements to interface with their B2B systems.

`NLP / Pytorch`

6/2019 – 8/2019 — **Data Science Intern** — **Remidio Innovative Solutions Pvt. Ltd.**

Developed an automated pipeline for detection of age-related macular degeneration in fundus images captured from Remidio's telematic platform. Model achieved 82% accuracy over 3200 images of various qualities.

`Python / Keras / Pytorch`

6/2018 – 7/2018 — **Intern** — **Spectral Insights**

Worked with a team of 2 – 3 people in implement AI on top of digital images of renal biopsies to automatically detect glomeruli and display it on the screen to the doctor. Gained technical insight and experience as to how professional companies' function.

`C++ / OpenCV / Linux`

5/2018 – 6/2018
freelance — **Web Developer** — **Mansha Vacuum Technologies Pvt. Ltd.**

Revamped the current corporate website and migrated it to WordPress. Learned SEO and making a website more visible on search engines.

`PHP / WordPress / MySQL / SEO`

PROJECTS

1/2020 – 5/2020 — **Software Developer** — **BU SPARK! Fellowship Program**

Worked with a team of 7, to develop a tab management system for students and scholars to research more productively online. 100% of users felt an increase in their productivity and motivation during user research and surveys. Awarded Best Idea and Best Design on SPARK Demo day.

`JavaScript / React / Firebase`

9/2018 – Present — **Software Developer** — **Boston University Rocket Propulsion Group**

Lead and developed a concurrent socket based data acquisition software for custom test stands. Developing RTOS based flight computer firmware for sub-orbital launch vehicle. Worked on telemetry modules using LoRa.

`Arduino / C / Python / FreeRTOS`

1/2019 – 5/2019 — **Junior Analyst** — **Boston University Finance Club**

Worked within a team of 5 people to analyze and recommend various stocks to the investment committee.