







RAHUL ARASIKERE

Software Developer

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EDUCATION

9/2018 – 5/2022 ongoing	Bachelor's Degree in Computer Science CGPA: 3.0/4.0.	Boston University
2018	CBSE 12th 93%.	Sindhi High School Hebbal
2016	ICSE 10th 87%.	Vidya Niketan School

EXPERIENCE

6/2019 – 8/2019	Data Science Intern 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	Remidio Innovative Solutions Pvt. Ltd.
6/2018 – 7/2018	Intern 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	Spectral Insights
5/2018 – 6/2018 freelance	Web Developer 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	Mansha Vacuum Technologies Pvt. Ltd.
7/2016 – 10/2016 freelance	Web Developer Developed the first version of their website. Customized html templates and plugins for WordPress. PHP / WordPress / MySQL	The Rejuvenators

PROJECTS

1/2020 – 5/2020	Software Developer Worked with a team of 7, to develop a chrome extension Bookworm as our official submission to the spark fellowship program. We won best overall idea and generated interest towards developing as a fully fledged app. JavaScript / React / Firebase	BU SPARK!
9/2018 – Present	Software Developer 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	Boston University Rocket Propulsion Group
1/2019 – 5/2019	Junior Analyst Worked within a team of 5 people to analyze and recommend various stocks to the investment committee.	Boston University Finance Club