







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

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|------------------------------|--|---|
| 6/2020 – 8/2020 | Data Science Intern Worked on automated text tagging and classification based on the clients' requirements to interface with their B2B systems. NLP / Pytorch | Simplify360 |
| 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. |

PROJECTS

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|------------------|--|--|
| 5/2020 – 8/2020 | Software Developer Worked within a team of 5 to develop various AR and VR projects for clients such as PTC and Packet39. Developed a crane training VR simulator and note taking app that utilized spatial anchors, allowing engineers to tag virtual notes in real life. Unity / Unity MARS / C# / Azure | VRTerra AR VR Developer Cohort |
| 1/2020 – 5/2020 | Software Developer 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 | BU SPARK! Fellowship Program |
| 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 |