RAHUL ARASIKERE

Software Developer

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EDUCATION

9/2018 – 5/2022
ongoing
Bachelor's Degree in Computer Science
CGPA: 3.04/4.0.
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
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
```

7/2016 – 10/2016
freelance
Web Developer
The Rejuvenators
Developed the first version of their website. Customized html templates and plugins for WordPress.
```
PHP  /  WordPress  /  MySQL
```

PROJECTS

1/2020 – 5/2020
Software Developer
BU SPARK! Fellowship Program
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 it as a fully fledged app.
```
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.