

Rahul Arasikere

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Education

Boston University

BA in Computer Science

(Exp.2022)

Sindhi High School Hebbal

CBSE 12th 93%

(2018)

Vidya Niketan High School

ICSE 10th 87%

(2016)

Technical Skills

Languages: Java, Python, C++, SQL, HTML, CSS, JavaScript, PHP.

Libraries: OpenCV, TensorFlow, Allegro, Keras, Pytorch, Fastai.

Systems: Windows, Linux, Android.

Software: Github, Eclipse, Adobe Creative Suite, Microsoft Office Suite.

Experience

Remidio Innovative Solutions Pvt Ltd | Data Science Intern

(June 2019 – Aug. 2019)

- 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.

Spectral Insights | Intern

(June 2018 – July 2018)

- 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.

Mansha Vacuum Technologies Pvt. Ltd. | Web Developer

(May 2018 – June 2018)

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

The Rejuvenators | Web Developer

(July 2016 – Oct. 2016)

- Developed the first version of their website.
- Customized html templates and plugins for WordPress.

Projects

High Powered Rocket Competition (Boston University Rocket Propulsion Group)

(Sept. 2018 –Present)

- Currently developing a high-powered rocket for the HPR competition.

Optical Character Recognition

(June 2018)

- Using OpenCV (k-NN algorithm) and MNIST database to accurately categorize given samples.

Activities

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- Member of Boston University Rocket Propulsion Group. (Sept. 2018 –Present)
 - Member of Boston University Finance Club. (Jan. 2019 – May 2019)
 - Volunteered at Jyothi – empowered underprivileged children with computer skills (Apr. 2014 – Mar 2015)