Prashi Doval

🌐 New Delhi, India | 📞 +919654367350 | ✉ prashidoval23@gmail.com | 🔗 prashi-doval | ⌂ prashi23 | Ⓦ Tech Blog

Education

Indira Gandhi Delhi Technical University for Women New Delhi, India
Senior, Masters in Computer Applications *Sept 2018 – Expected Jun 2021*
Awards and Honours: Grace Hopper Celebration India Scholar, Best Financial Hack @ Protothon, 2nd Place @ Womxn Hacks
Scholarships:Twilio SIGNAL Scholarship, $1000 Travel Grant for TensorFlow Dev Summit, Linux Foundation Diversity Scholarship
University of Delhi New Delhi, India
Bachelor of Science(Honours) in Computer Science *Sept 2015 – Jun 2018*

Work Experience

Y Combinator(Virtual Internship) Remote
Software Development Engineer Intern(JavaScript, React, Front-end Engineering) *May 2020 – Jun 2020*
- Worked as a full-stack developer on a project that helps freight shippers manage their task log easily
- Pioneered a new feature in virtual kanban board enabling visibility to move shipping requests in two new lane statuses
- Increased the number of completed tasks marked by 15%, boosting the application performance

Google Code-In Remote
Mentor(tf.keras, TensorFlow Graphics, Documentation) *Nov 2019 – Jan 2020*
- Mentored over 300 students to learn indices of open source development by refactoring, refining and reviewing their code
- Collaborated with students who worked on tasks that contributed to TensorFlow API, UI, User Documentation, research, etc
- Contributed to adding S4TF implementation of DCGAN in Official Swift for TensorFlow Models Repository

National Capital Region Transport Corporation(NCRTC) New Delhi, India
Machine Learning Intern(Python, Convolutional Neural Network, Keras, TensorFlow, OpenFace) *Jun 2019 – Sept 2019*
- Revamped real time facial recognition model (deep learning based) by detecting RGB values and specific facial landmarks
- Shipped end-to-end deployment of depth perception functionality within embedded system for safety and inventory use cases

Cisco ThingQbator New Delhi, India
Software Engineer Intern (Python, Django, MySQL) *Oct 2018 – Jan 2019*
- Worked closely with professionals, developers, using agile methodology, to build an election management system
- Spearheaded a team of three students to design application states, layout, navigation and utilize password hashing

Projects

Walk and Talk, Womxn/hacks2.0 University of California San Diego [React Native, Redux, Sequelize] *May 2020*
- Built a cross platform mobile application to bring together women in menopause transition,try walking to alleviate symptoms
- Designed and added support for push notifications (triggered by failed builds) with the help of webhooks
- Leading a team of four developers currently to build project beyond MVP and integrate to university campus

Browser Engine [Rust, Composed of parsers, interpreters and compilers] *Dec 2019*
- Developed a browser engine from scratch which includes: HTTP client, HTML parser, CSS parser, JavaScript engine
- Can parse web formats(HTML, CSS) translating them into what you see on-screen alias layout engine/rendering engine

Catena [Fintech Mobile Application, Figma, React-Native, Firebase, Stripe API, MongoDB] *Nov 2019*
- Designed a full flow, high-fidelity UI mobile application to make financial decision making accessible for students
- Researched target demographics to understand the shortcomings of existing technologies and need for product in market

University Research Internship [R, Shell Scripting, Heatmap Visualizations] *Sept 2019*
- Created pattern files for training data in R, optimized machine learning techniques to train SVM models for all window sizes
- Plotted the manuscript figures to analyze, visualize and compare the pattern files between 10-100ns

Travel log [React, NodeJS, MongoDB, Heroku, Leveraged Mapbox API] *Oct 2019*
- Sharpened a full-stack real time web application to allow users to upload log entries on map and visualize their submissions
- Scrapped data using Mapbox API and deployed to Heroku with a goal to get introduction to full-stack technologies

Personal Website [HTML, CSS, JavaScript, Bootstrap4, jQuery] *Aug 2019*
- Utilized UI and UX prototyping techniques to develop a responsive personal website with media queries and page transitions

Skills and Interests

Programming Languages:	Python	C/C++	Java	SQL	R	JavaScript	HTML/CSS	LaTeX
Frameworks/Technologies:	Node.js	React	Object-Oriented Design	Git	Relational Databases	Microservices	Linux
Relevant Coursework:	Data Structures	Algorithms	Data Analytics	AWS	Data Pipelines	Distributed Systems

Leadership Experience

OSA President	Established a new student organization with five students to cement research relationships
	Raised $1500 fund through grants to plan summer retreat for 20 students for student collaboration
UNWomen Volunteer	Orchestrated slam poetry events and theatrical productions to promote sexual assault awareness