Ameya Laad

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Education

Birla Institute of Technology and Science (BITS) Pilani, K. K. Birla Goa Campus   **Goa, India**
Bachelor of Engineering, Computer Science   Graduation: May 2022
- CGPA – 8.8
- Relevant Coursework: Data Structure and Algorithms, Object Oriented programming, Database Management Systems. Upcoming: Computer Networks, Operating Systems, Computer Architectures, Compilers
- Taught Python to 15 Biotech students as a CTE Instructor

Experience

Microsoft   **Bengaluru, India**
Software Engineer Intern, Experiences and Devices   May 2020 – July 2020
- Analyzed the business usage of Microsoft Bookings to get an idea of real usage of the product.
- Built 3 dashboards to track telemetry and API in the Bookings platform.
- Consolidated data of >2 million users per month used for improving user experience in upcoming versions.
- Identified and added missing datapoints in ReactJS.

Indian Red Cross Society   **Mumbai, India**
Web Developer Intern, Blood Bank   April 2020 – May 2020
- Improved the website for External Quality Assurance System, used by 166 blood banks across India.
- Streamlined the form filling process using Bootstrap and JavaScript.

MindNerves Technology   **Pune, India**
Intern   June 2019 – August 2019
- Engineered a milk delivery service application with Ionic, Cordova, Loopback and MongoDB.

Projects

Rasoee
- Developed an Android application that can recognize images of food, and give links to recipes using an API call.
- Fine-tuned a pre-trained model in PyTorch on the Food-101 dataset.
- Deployed the said model on the Android framework using TorchScript.

Portfolio website (https://ameyalaad.github.io/)
- Created my portfolio website using ReactJS, and deployed to GitHub Pages with continuous integration.
- Utilized the Particles library to enhance user experience.

TwoFace
- Built an Ionic + Loopback application that uses face-verification as its login component.
- Integrated the Microsoft FaceAPI into the application to recognize, save, and verify faces.
- Created a simple blockchain to enable voting as a part of ChainVoter.

Awards and Certifications
- Deep Learning Specialization - offered by deeplearning.ai on Coursera
- TensorFlow In Practice - Specialization by deeplearning.ai on Coursera
- Web Development for Everyone - by University of Michigan on Coursera
- 2nd Runner ups in Microsoft code.fun.do++ at BITS Goa, for project titles ChainVoter
- Runner ups in Microsoft Hack day, for project titled TwoFace
- Event Manager at Quark 2018, 2019 – Was required to handle a team of juniors and approach speakers and artists to show their research and talent