

Rishabh Pandey



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Education

B.S. Computer Science University of Massachusetts Amherst | 2018- | GPA: 3.724 | Dean's List (All semesters)

Class XII
Delhi Public School Dwarka | 2018 | 93.25 %

Class X
Indraprastha Intl School Delhi | 2016 | CGPA: 10/10

Skills

Languages: Java, JavaScript, C, C++, HTML 5, CSS, JSX, Python

Simulation : Arduino

Design : Adobe Photoshop, Adobe Illustrator, Sketch, Adobe After-Effects, Sony Vegas Pro

Other: React Native, Git, Markdown, SQL, Bootstrap, RESTful APIs

Extra-Curricular

Member of UMass ACM (Association of Computing Machinery) and UGRID (Undergraduate Researchers interested in Big Data)

House Captain of Student Council, Delhi Public School Dwarka
- Organized talks & workshops
- Helped in guiding juniors academically

Teaching Volunteer, National Association for the Blind, Delhi
- Assisted and helped in tutoring blind and underprivileged kids in their studies

Work Experience

- Sept'19- Co-Founder, Front-End Developer Lendvie
A decentralized peer-to-peer USDC lending platform for users to make and receive micro-loans within their own Trusted Lending Network (TLN).
- Feb'19- Communications Assistant UMass Amherst Graduate School
Processing photos and assisting in the development of an animated slideshow for Graduate Commencement and developing graphics and/or slideshows for Facebook and Twitter
- Oct'18-Jan'19 Non-Profit Representative Ruffalo Noel Levitz, Amherst
Welcoming guests, providing information, and answering questions about life at UMass Amherst. Fundraising for the university from private donors and alumni
- May-Aug'17 Intern STICHIO
End-to-end testing and bug fixing in Android app, and creation and promotion of short social-media videos that promoted the app. The startup got incubated into Facebook's FBStart program during my internship.

Projects

- 2019 Beat The Crowds @ UMass
A React Native application that interfaces with a Facebook Prophet forecasting procedure deployed on a Flask server hosted by DigitalOcean. Users select a dining common in the mobile interface and see the current busy-ness level as well as the forecasted level over the next 24 hours. A Jupyter notebook housing the model implementation allows for more fine-tuned data analysis with trend identification and historical graphs.
- 2019 TMG- The Movie Guide
Multi-platform mobile app with multiple screens using bottom tab navigation that displays movie descriptions, trailers, genres and ratings, using data from The Movie Database (TMDB).
- 2019 Image-Recognizer
Mobile application that recognizes/identifies objects in images with perfect accuracy using Google Cloud Vision API and Google Firebase.
- 2018 Pomodoro Timer
Mobile app which allows user to set work and break intervals to improve work efficiency.
- 2017 Algo.api
Made an extensive library of Algorithms and Data structures with 2 other teammates using segment trees and Dijkstra's shortest path algorithm designed to reduce code length.

Awards and Achievements

- Sept 2019 Dean's International Scholarship University of Massachusetts Amherst
Awarded to one or more international students in the Computer Science degree program who have a history of high achievement and passion for Computer Science.
- Aug 2018 Chancellor's Award University of Massachusetts Amherst
Highest academic scholarship given to undergraduate students at UMass Amherst (USD 14k/year).

Courses

Introduction to Problem-Solving with Computers, Programming with Data Structures, Computer Systems Principles, Reasoning Under Uncertainty, Calculus I,II,III, Linear Algebra, Introduction to Statistics