

RIBHAV JAIN

✉ ribhavjain@gmail.com 🌐 ribhavjain.github.io ☎ (630) 461 0172 in ribhavjain 🌐 ribhavjain

Education

University of Illinois at Urbana-Champaign

Aug. 2017 - May 2021

B.S. Computer Engineering (Minor in Business) - GPA: 3.91

James Scholar and Deans List for all semesters

Work Experience

Viasat Inc. - Software Engineering Intern

May 2019 - Aug. 2019

Seattle, WA

- Developed a full-stack self-service application to allow 6000+ employees to manage their 2FA-Auth saving 250+ man-hours annually
- Deployed the distributed system architecture with multiple REST APIs to AWS and automated all processes using Cloud Formation
- Secured, tested and launched into production in multiple office locations globally for the cloud engineering team
- Won the Viasat Intern Hackathon with 200+ interns and presented to CEO Mark Dankberg
- Used AWS (EC2, Lambda, DynamoDB, SES, Beanstalk, S3, etc), Django, React, Flask, Ansible, Python, and JavaScript

ProCogia - Data Science Intern

May 2018 - Aug. 2018

Seattle, WA

- Spearheaded the development of end to end business intelligence reports, visualizing data and analyzing KPIs, for a major telecom provider
- Improved turnaround time on detection and remediation of anomalies in the network by over 4% by generating insights
- Implemented scripting and data validation to help create a data pipeline for machine learning model development
- Used Python, SQL, Tableau, and Qlik

Projects

Tweetlyze - Twitter Sentiment Analysis

Aug. 2019

- Developed an online platform to show users an in-depth analysis of Tweets relating to any topic/phrase they enter
- Used Python, Heroku, JavaScript, React, and Django

AlphaCloud - Hackathon winning project

July 2019

- Developed a fully functional web app with persistence to connect 65M+ victims to volunteers
- Created a login page, admin analytics and a volunteer view featuring maps and various sortable tasks
- Used MongoDB, Express, Angular, and Node.js

MentOS - Unix based Operating System

Apr. 2019

- Built a Linux kernel from scratch and provided a handler to deal with interrupts, exceptions and system calls
- Used C and x86 assembly to implement file systems, paging, and scheduling

Store Away - Online Marketplace

Aug. 2018

- Created a web platform to connect users to a community marketplace for them to list, discover, and book storage spaces around the world
- Integrated maps and added functionality to help users locate storage spaces near them, browse prices and details

Skills

LANGUAGES AND FRAMEWORKS: Python, C, C++, JavaScript, Java, AWS, HTML, CSS, Django, Flask, React, Node.js, MongoDB, Angular, Ansible, Tableau, Qlik, SQL

RELEVANT COURSES: Data Structures, Computer Systems Engineering, Distributed Systems, Artificial Intelligence, Algorithms and Computation, Discrete Structures, Computer Systems and Programming

Activities

Pulse UIUC - Marketing Director

Apr. 2019 - Present

- Leading the Marketing Team for Pulse 2020 - the largest student-run tech conference at UIUC
- Interacting with corporates and organizations to ensure Pulse gets campus-wide exposure to 20,000+ students

SigGraph Chair - Association for Computing Machinery (ACM)

Aug. 2018 - May 2019

- Led the special interest group for Computer graphics and Virtual Reality in ACM for the academic year
- Organized tutorials in JavaScript and Unity and worked on various projects with 50+ SIG members

ECE 120 Intro to Computing - Course Assistant

Aug. 2018 - Jan. 2019

- Assisted professors with the course material and grading for ECE 120 with 400+ students
- Helped with material on finite state machines, combinational logic analysis, computer systems, and machine language programming, etc.