

Atul Jalan

Website: atul-jalan.github.io | GitHub: github.com/atul-jalan | Email: atuljalan17@gmail.com | Phone: (310) 751-8012

EDUCATION

Northwestern University

GPA: 3.80/4.00

B.A. Computer Science

Expected Graduation: June 2022

- Selected Courses: Agile Mobile/Web Development, Human-Computer Interfaces, Algorithms

EXPERIENCE

Software Engineer Intern

June 2020 – August 2020

Integrated Design Automation Laboratory

- Coordinated migration for image analysis alerts from email system to real time responses by integrating Socket.io into existing REST APIs and security infrastructure.
- Led overhaul of image upload and preprocessing flow to include custom image editing tools and metadata collection.
- Significantly increased productivity of researchers using image tools by adding support for multi-image analysis via zipped files.

Software Engineer (Contract)

December 2019 – February 2020

Wal Logistics (Local Freight Forwarding Business)

- Built a streamlined & modular cloud database management application in ongoing consultation with CEO, employees, and customers to replace legacy freight forwarding software.
- Eliminated need for customers to call-in by creating a customer access portal through which they could view shipment status and file new shipments.
- Substantially improved productivity & onboarding time by designing an intuitive interface to manage large databases and setup automatic web hooks.
- Designed a business analytics dashboard to view custom business metrics and manage employee activity.

Software Engineer Intern

November 2019 – January 2020

Blueprint

- Programmed visual overhaul of checkout page (1000+ daily visitors) for food delivery service in collaboration with design team.

PROJECTS

Club Chat: Student group messaging

August 2020 – Present

Collaborative Project

- Led design of a mobile app to centralize all student group communications into a single app by integrating forms, reminders, and event planning.
- Conducted market validation research via two dozen 1-1 conversations and a google form released to class pages at 10+ universities.

LEADERSHIP

Sigma Nu, *Candidate Development Chair*

March 2020 – Current

The Daily Northwestern, *Lead Student Government Reporter*

September 2018 – June 2019

Speech & Debate, *President*

June 2017 – May 2018

Academic Decathlon, *Captain*

June 2016 – May 2018

SKILLS

Front-end: React.js, Vue.js, React Native, JavaScript, HTML5, CSS3, Less.js

Back-end: Node.js, Express, MongoDB (NoSQL), Python, Socket.io

Tools: AWS EC2, Docker, Git, Heroku Cloud, Slack

Honors: 5th place national debate ranking, Academic Decathlon state champion (speech & interview), National AP Scholar