Varun **Jindal**

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Education

University of Michigan   2019 - 2022

B.S.E. IN COMPUTER SCIENCE, MINOR IN ENTREPRENEURSHIP
- GPA: 3.8
- Coursework: Data Structures and Algorithms, Machine Learning, Computer Organization, Linear Algebra

Experience

Loop Insurance   2021 - Present

SOFTWARE ENGINEERING INTERN
- Created Cloud Functions that can process hundreds of thousands of geographical data points and push them to our data warehouse; the company invested in a 4 year contract to enable the code I built
- Made a web app to help visualize the geographical data on a map, allowing the team to more easily understand and debug the mobile application
- Building all of the newsletter infrastructure and creating the visualizations to help customers become better drivers; these newsletters will be sent to every one of Loop's customers

StudyBuddies   2020 - Present

BUILDER
- Launched https://umichstudybuddies.com and https://findmyclassgroup.me with the sites having 12,000+ users
- Developed a matching algorithm in Python which processed people's classes and study habits to match them by similarity with three other study buddies in their class
- Managed a team of 4 and successfully rolled out the product to UCLA and UChicago
- Working with the UMich College of Engineering, College of LSA, and the Center for Academic Success to distribute the product to the entirety of UMich
- Drove a 12% increase in group first-contact rates by optimizing how we matched study groups

Enlight   2020 - 2020

CO-FOUNDER
- Joined the co-founding team of https://enlight.nyc as an engineer to make it into the best website to learn to code by *building projects* instead of learning concepts
- Built a custom content management system with Gatsby.js and Firebase, reducing friction and increasing crowd-sourced tutorial submissions from 0 to 15 in 2 months
- Launched a new product which generated the first revenue stream ($3000+) for the company, and drove a 16% increase in user base over 2 months
- Created custom dashboards for every member of the learning cohorts which improved user retention by 20%

Research

Research at CEWIT, Stony Brook University   2017 - 2017

RESEARCH INTERN
- Implemented multi-threading in Java to improve efficiency of Android Studio app that creates indoor maps with echolocation.
- Enhanced the speed of wall and door detection with multi-threading by over 30%.
- Integrated a settings menu to change parameters for wall and door detection.

Extracurriculars

Dance Teams   2019 - Present

TEAM CO-LEADER AND CHOREOGRAPHER
- Team co-leader and choreographer for Indian-American Student Association Bollywood Dance group and also a dancer on FunKtion, an all-male hip-hop team
- Choreograph songs and lead meetings, working to instill a sense of community in a 23 dancer team

Shift Creator Space   2019 - Present

CREATOR
- Constantly creating: built a squirrel bench, created a React.Js chrome extension, refinished a table, and played with fractal art in Python

Skills

React.Js, JavaScript, Python, PostgreSQL, App Engine, GCP, AWS, C++, HTML/CSS, Figma