Varun **Jindal**

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Internship at Wing

Hi,

I have 3 ideas for you.

1. Empower restaurant owners to have remote kitchens which are right outside the city, and have landing pads on the roofs of corporate buildings for lunch and dinner times. This will likely work best with chain restaurants.

2. Develop a Shopify extension that allows customers to get drone delivery if they are within a certain radius of a drone hub and a store warehouse.

3. Speed up delivery times by leveraging technology like https://www.dashshipping.com to deliver less fragile packages by dropping them accurately.

I would love to work at Wing this summer as an intern to make any of these ideas a reality or to help with any ideas that are in the works.

While there are many competitors in the drone delivery space: Amazon Air, Flytrex, Flirtey and many others cropping up every day, Wing has some of the best technology in the space. I want to work at Wing and I believe I can be a big help.

I started building in high school with robotic arms, wooden gliders, bottle rockets, and even a laser-engraved skateboard. Since I came to college I began to realize that kids can create companies too, so I began working on projects with a larger impact that could potentially become companies. I worked on https://enlight.nyc and was thrown headfirst into the startup world when we were picked to participate in the Georgia Tech Create-X Accelerator. I absolutely loved it. I then started working on https://umichstudybuddies.com to help people find community in the classroom in an online world. We have had over 12000 users.

My ability to learn, collaborate, and build has helped me create software that students love. I now want to combine my love for drones and my passion for software at Wing to help in the *Marketplace Services position* or the *Front-End position*. I look forward to hearing from you.

Sincerely,

Varun Jindal

<h1 align="center">Varun **Jindal**</h1>

<p align="center">*Personal Website: www.varunjindal.com*</p>

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Education

University of Michigan   *Aug 2019 - Dec 2022*

B.S.E. IN COMPUTER SCIENCE, MINOR IN ENTREPRENEURSHIP

- GPA: 3.9
- Coursework: Data Structures and Algorithms, Machine Learning, Computer Organization, Linear Algebra

Projects

StudyBuddies, Co-Founder   *Aug 2020 - Present*

- 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 two other study buddies in their class.
- Working with the UMich College of Engineering, College of LSA, and the Center for Academic Success.
- Optimized SEO to bring the site to the first Google Search and led the development of the site entirely in React.Js.
- Managed a team of 4 and successfully rolled out the product to UCLA and UChicago.

Enlight, Co-Founder   *April 2020 - Sep 2020*

- Joined the co-founding team of https://enlight.nyc to make it into *the* place to learn to code by building projects
- Built a custom content management system with Gatsby.js and Firebase, reducing friction and increasing project submissions from 0 to 15
- Drove an over 15% increase in user base from 9,500 to over 11,300 developers since joining
- Launched a new product which generated the first revenue ($3000+) for the company: Enlight cohorts
- Created custom dashboards for every member of cohorts which improved user retention by 15%

Autonomous Robotic Arm   *Sep 2017 - May 2018*

- Engineered robotic arm on team of 3 that can pick up, flip, and deposit pennies accurately on a target.
- Utilized 5 Servos to make up the robotic arm with servo blocks to ensure structural stability.
- Implemented x-y coordinate grid system to deposit pennies and used Arduino and custom PCB as control system.
- Managed and developed entirety of Arduino C/C++ code base

Research

Research at CEWIT, Stony Brook University   *June 2017 - Aug 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

Shift Creator Space   *Sep 2019 - Present*

CREATOR

- Built a squirrel bench, created a React.Js chrome extension, refinished a table, and played with fractal art.
- Communicate with group weekly, giving and receiving feedback about personal project goals; managed with scrum board.
- Attend workshops on software, design, and sketching.

Dance Teams   *Sep 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

Skills

React.Js, Gatsby.Js, JavaScript, Python, C++, HTML/CSS, Figma