

Vatsal Chandel

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EDUCATION

University of Washington (Seattle)

Bachelor of Science in Human Centered Design-Engineering, June 2024

- GPA: 3.85, Dean's List: Fall 2021, Winter 2022, Spring 2022
- Data Structures, Fundamentals of Computer Science I & II, Data Science, Multivariable Calculus, Calculus Physics

Languages and Technologies

- Java, C++, R, Python, HTML, CSS, JS
- Git, Excel, BigML, Tableau, FIGMA, SpringBoot, Kafka, Ionic, Android/Android Studio, REST API, ShinyApp, Angular

EXPERIENCE

Software Engineering Intern | T-Mobile: June 2022 – September 2022

- Assisting in the development of DaaS, covering various REST API using SpringBoot, allowing users to retrieve voicemail, receive and make calls and texts
- Used SpringBoot and Kafka to ensure safe messaging with proper Producer and TrueStore certifications

Teaching Assistant in Paul Allen School of Computer Science | University of Washington:

March 2022 – Present

- Delivered 11 weekly lectures on Python to 30+ students, walked through coding problems, debugged student's code
- Provided assistance to students for assignments, assisted in development of course material and assessments

Deli Clerk | QFC: June 2021 – December 2021

- Prepared daily lists and recipes for timely food production and improved performance in kitchen
- Trained employees on best practices and customer satisfaction, maintained a positive customer first attitude

PROJECTS *(More on [GitHub](#))*

ObserverTool - An app that allows students to observe animals, submit notes and get credit

- Used Java, FIGMA, and Android Studio
- Developed UI screens on FIGMA, recreated on Android Studio

NamesApp - A Google Play Store app, to get meaning, gender, and background on any name

- Used Java, REST APIs
- Developed UX using Android Studio
- Packaged and published on Google Play Store

Personal Website - <https://vatsal.vercel.app/>

- Used JavaScript, HTML, and CSS to create a personal website, hosted on Vercel
- Created a personal website talking about me and some of the things that I have done

ClassOpener – A tool that launches meetings links automatically at the right time, easing student life

- Used Python and Tkinter
- Created UI that easily allows users to input meeting info (links and time)
- Automatically launches meetings at the right time