Herman Vuong

COMPUTER SCIENCE · WEB DEVELOPER

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Education

University of Toronto   *27 King's College Cir, Toronto, ON*
B.S. IN COMPUTER SCIENCE   *2021-2025*
- **GPA: 3.90/4.00**

Skills

Languages   Typescript, Javascript, Python, HTML/CSS
Frameworks   React, NextJS, React Native, Realm, Jest
Misc   Git, Github, Heroku, VS Code, PyCharm, Intellj

Work Experience

Ora Medical   *Remote*
FRONTEND DEVELOPER INTERN   *Jan. 2022 - Oct. 2022*
- Developed a fully functional mobile application using **React Native** and **Typescript**, meeting company's quarterly objectives.
- Integrated **Realm** to implement real-time data read and write and efficiently store and retrieve data locally.
- Created smooth animations using **Animated** and **ReAnimated** to enhance fluidity of the app.
- Developed a web app with **NextJS**, completed using **Apollo Client** and **GraphQL** in order to query and mutate data from the backend.
- Utilized **Jest** to test all aspects of both apps and achieved code coverage up to **90%**.

Projects

Memories App - GITHUB

PERSONAL
- Created a **MERN** stack app that allows the user to perform **CRUD** operations to manage their memories.
- Developed an extensive **REST API** with **Node**, **Mongoose**, and **Express**, learning **HTTP** methods in the process.
- Designed a **Single Page Application** using **React** to successfully integrate data with the backend.

Hears The News - GITHUB

HACKATHON
- **Collaborated** with a team of 4 to develop an app using **React**, **Javascript TTS**, and **News API** that lets the visually impaired listen to the news.
- **Led** the front-end and design team in the development of the app resulting in improved **leadership** skills.
- Implemented features simultaneously with team members to learn how to **cooperate** in real time.

React Restaurant - GITHUB

PERSONAL
- Developed a restaurant website using **React** that allows the user to add and remove food items to the cart fetched from the **Spoonacular API**.
- Integrated **Redux** to manage app wide cart state, allowing the cart state to be accessible anywhere.
- Used smooth **CSS transitions** in order to have clean entrances to the website's pages.

Charity Donation Page- GITHUB

PERSONAL
- Created a **React** application that allows the user to donate using **Stripe**.
- Has an interactive multi-part form with form validation, learning proper form control in the process.
- Utilized **D3** to display statistics regarding the donation page to visualize impact.

Extracurricular Activity

Kurius UniCon   *Online*
SPEAKER   *Nov. 2021*
- Pitched my experience in programming as a freshman student to **30** high school students.
- Shed knowledge on The University of Toronto's CS Program while improving presentation skills.
- Answered multiple questions regarding admission process and CS at UofT to ease their transition to University.