

# Ryan Nguyen

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## Education

### **University of Washington**

B.S. in Computer Engineering, Minor in Business Administration  
GPA: 3.7

Seattle, WA  
Expected June 2024

### **Bellevue College**

A.S. in Physics, Atmospheric Sciences, and Engineering  
GPA: 3.8

Bellevue, WA  
June 2021

## Work Experience

### **Amazon Fresh**

Retail Store Associate

April 2022 – present  
Bellevue, WA

- Assisted customers with navigating the store and with items they are looking for
- Contributed with Customer Service, helping customers with returning items and troubleshooting Amazon services in a fast-paced work environment

## Relevant Technical Experience

### **DubHacks, University of Washington**

Hackathon Team Participant (October 2021)

- Collaborated with 2 students to build a worklist application that aims to foster connections with other coworkers and executives, given the concern of COVID-19 and social distancing at the time
- Worked on coding a to-do list in Java, along with creating a visual layout in Figma

Hackathon Team Participant (October 2023)

- Collaborated with 3 students to build an app and a device that aims to detect fentanyl levels in Seattle's public transit system, alerting others to choose safe methods of transportation
- Worked on building physical device and coding in C using the Arduino Development Environment
- My team ended up making a functional app that stores recorded CO<sub>2</sub> levels in a SQL database

### **Arduino Personal Project**

Room Temperature Monitor (December 2023 – present)

- Built a monitoring device from scratch that informs users about the current temperature in the room on an LCD screen using an Arduino microcontroller, along with LEDs, a fan, and a piezo to alert users
- Written in C using the Arduino Development Environment
- Next step in the project is to implement a text-to-speech feature to better inform users

## Technical Skills

Java: 3+ years | C: 2 years | SystemVerilog: 1 year | Typescript: 3 months

## Leadership Experience

### **Vietnamese Eucharistic Youth Movement**

Youth Leader

September 2022 - present  
Tukwila, WA

- Helped plan and teach younger kids (ages 10-12) about the Catholic faith and our Vietnamese culture
- Contributed with administrative planning and participated in various service projects such as cleanups, helping the homeless, and parish-related fundraisers