

# Phillip Tran

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**Seeking a full-time Support and Software Engineering position**

## EDUCATION

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### University of Washington

Seattle, WA

B.S. Computer Science

September 2019 - June 2022

GPA: 3.24; Awards: Deans List

Coursework: Data Structures and Parallelism, Database Management, Software Design, Distributed Systems, Data Visualization, Artificial Intelligence, Computer Security, Object Oriented Programming, Systems Program

## PROJECT EXPERIENCE

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### Dating App

- Collaborated with a team of four software engineers to develop a dating application
- Utilized the Spring Boot framework to implement user registration and login functionalities
- Learning and planning the integration of password hashing and JSON Web Token authentication to ensure user security

### Distributed System

- Collaborated with a partner to design and implement a transactional key-value store in Java using the Multi-Paxos consensus algorithm, resulting in a highly available, scalable, and fault-tolerant product
- Coordinated team meetings and established efficient workflow and testing procedures in Git, improving team productivity and communication

### Husky Maps

- Developed a web application to find the quickest path from two locations on the UW campus using A\*’s search algorithm
- Used ReactJS to build the front-end and Java Spark for the back-end server, and utilized JSON for sending data between the front-end and back-end, then deployed to Heroku

## SKILLS

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**Proficient Languages:** Java, Python

**Prior Experience:** C, C++, C#, JavaScript, Html, CSS, SQL

**Tools:** Visual Studio Code, Git, Linux, IntelliJ, JavaSpark, ReactJS, NodeJS, Azure, AWS, Heroku, Tableau, Unity

## WORK & VOLUNTEER EXPERIENCE

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### Vietnamese Martyrs Parish

Tukwila, WA

*Catechist*

September 2017 - June 2018

- Collaborated with other catechists to manage and prepare events for over a hundred students leading to a successful and well-organized program
- Fostered a supportive and inclusive learning environment, promoting respect and kindness among students resulting in a safe and welcoming space for learners

### Seattle Great Wheel, Pier 57

Seattle, WA

*Customer Service Attendant*

August 2016 - February 2018

- Engaged with guests in a friendly and professional manner, answering questions and resolving issues to provide a high level of customer service and enhance their overall experience

### Seattle Public Library, Learning Buddies

Seattle, WA

*Tutor*

October 2016 - December 2016

- Mentored elementary students by helping with homework assignments and providing guidance resulting in improved academic performance and increased confidence