

Tu Phan

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Education

Bachelor of Science in Computer Science, *University of Washington*

12/2023
Washington

Skills

Language: Java, Python, Kotlin, JavaScript, TypeScript, HTML, CSS (Others: Android, iOS, Git, AWS, React.js, Microsoft),

Course: Data Structure, Object-Oriented Programming, Database, Computer Networking, System Design

Projects

Campus Map Path-finder project, *A web-based application that finds the shortest path between buildings.*

- Built a user-friendly GUI using React, JavaScript, HTML, CSS and Spark framework.
- Wrote implementation and specification tests to make sure that the program works in different cases.

Weather App project, *An app that shows temperature, weather of chosen locations and sends weather information through Telegram every morning.*

- Developed as an Android App using XML to design the layout in Android Studio.

Flight booking service project, *Design a database of customers and the flight they book*

- Implement the flight booking application that allows customers to perform tasks such as login, search, book, cancel, and pay using Java and SQL.

Professional Experience

Teaching Assistant., *Highline College*

- Held quiz sections of about 25 students and reviewed introductory Java topics, such as object-oriented programming, control flow, data structures, etc.

Lead Math Tutor., *Highline College*

- Recruited, Interviewed, Hired and Trained 50+ new tutors
- Organizing and scheduling the weekly work schedule for the entire team

Data Structure Tutor

- Provide one-on-one and group tutoring sessions to undergraduate students in data structures and algorithms
- Develop customized lesson plans and teaching materials to suit individual student needs

Interests

Jogging, Boardgame, Graphic Design, 3D Render