

# Khang Minh Bui

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## Technical Skills

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- **Programming Language:** Java, Python, C++, C#, SQL, HTML/CSS, JavaScript.
- **Frameworks/Techologies:** React.js, React Native, Next.js, Node.js, Express.js, TailwindCSS.
- **Tools:** Visual Studio Code, Visual Studio, PyCharm, PostgreSQL, Vercel, Netlify, MS Office.
- **Project Management:** Git, GitHub.

## Experience

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### AVOLTA, Inc.

November 2023 - July 2024

#### Front-End Developer Intern

- Used React Native to collaboratively develop, design, and maintain a car security mobile application for iOS and Android with a user-friendly interface that features the login and signup system.
- Integrate the frontend and backend by researching and implementing REST APIs and Authentication using Axios.

### GSUR Program, Washington State University

November 2023 - May 2024

#### Gerontechnology Undergraduate Researcher

- Collected and analyzed data from smartwatches and home sensors to label elderly activities, contributing to the training of AI models.
- Collaborated with faculty mentors on gerontechnology research projects aimed at improving the well-being of older adults, particularly those facing disadvantages.

### SAM Learning Center, Seattle Central College

October 2022 - June 2023

#### Computer Science and Math Tutor

- Helped Seattle Central College students with Computer Science (Python and Java Algorithm courses) and Math (Algebra and Calculus). Provided assignment strategy, study guide, concept review, and exam preparation.

### Encompass NW

January 2023 - June 2023

#### Database Administrator Volunteer

- Digitized clients' medical files and stored them in secured repositories for the Early Support for Infant & Toddlers, while guiding other volunteers to do the same.
- Designed and upgraded volunteers' login interface and application forms.

## Education

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### Washington State University

Degree Expected: April 2026

B.S. Computer Science

GPA: 3.6

### Seattle Central College

Graduated June 2023

A.S. Computer Science

GPA: 3.96

## Projects

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- **NutriScan (AI for Change Hackathon 2024)** | *React.js, Next.js, TailwindCSS, Figma, Node.js, Express.js*  
Developed the Frontend and helped with the User Authorization. NutriScan scans nutrition labels and provides instant feedback on how well products align with users' dietary preferences. It evaluates ingredients and nutritional content, offering personalized recommendations to promote healthier eating habits and ensure food safety.
- **Car Security Mobile App (Work In Progress)** | *React Native*  
Collaboratively developed a cross-platform mobile application, with user interfaces, that enhances car security using GPS Tracking while providing personalized insights into car features such as Model and Year, ID, battery, and more.
- **WSU WalkEase (Work In Progress)** | *Python, SQL*  
Actively contributing to the collaborative development of a mobile app that employs the A\* Algorithm to display the shortest path between locations, enhancing convenience for campus commuting.
- **Automated Gradebook Aggregator** | *Java*  
An application that automates the process of combining multiple CSV-based gradebooks into a single master gradebook and a summary gradebook. This tool is particularly helpful for professors who need to aggregate grades from various sections into a centralized file.

## Additional

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- **2024 AI For Change Hackathon, Winner.** Collaboratively built NutriScan, a nutrition label scanner (<https://devpost.com/software/nutriscan-z4owgh>).