

# Vinh-Khang Quang Le

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## Education

### B.S in Computer Science, Minor in Statistics

Expected Graduation: May 2025

University of Maryland - Baltimore County

## Work Experience

### Software Engineer Intern

May 2023 - August 2023

Sheetz

- Built a customizable dashboard in React for executive employees to display metrics and KPIs
- Gathered data from multiple data sources and centralized into one accessible location with customizable freedom, assisting in key decision making by executive employees
- Developed in React and Golang with a SQL Server backend, hosted on-premise
- Practiced agile development methodology

### Undergraduate Teaching Fellow

January 2023 - Present

UMBC - COEIT

- Assisted students with coursework and projects during office hours
- Graded projects and exams for the Computer Science II (C++) course

### App Developer

August 2021 - December 2021

Urbana High School

- Built a dashboard in Python to display collected soccer statistics for Urbana High School's soccer team
- Utilized Plotly to develop the dashboard and gspread to import data from Google Sheets

## Projects

### hackUMBC User App

- Collaborated in a team to create a mobile app for hackUMBC's hackathon participants to display information about the event, and to interface with NFCs and QR Codes to track participant activity
- Developed in React Native and utilized AWS for backend development and storing data

### Discord Schedule Bot

- Created a discord bot using Python and MySQL to keep track of student's class schedules
- Applied asynchronous and event-driven programming concepts

## Certifications

- AWS Certified Cloud Practitioner
- Oracle Java SE 8 Programmer Certified Associate
- Microsoft Office Specialist

## Skills

**Technical:** Python, Jupyter, Java, C++, C#, C, JavaScript, React, React Native, Golang, Node, jQuery, SQL, HTML, CSS, PHP, x86 Assembly, MySQL, SQL Server, REST, HTTP, Git, CI/CD, GitHub, GitLab, AWS, Amplify, EC2, RDS, API Gateway, Lambda, Linux

**Related Coursework:** Computer Science II, Discrete Structures, Data Structures, Algorithms, Assembly and Computer Organization, Introduction to Machine Learning, Computer Vision, Calculus, Linear Algebra, Probability and Statistics