Kevin Phung

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Objective
Computer Science student passionate learning about Java/JavaScript, HTML/CSS, Python, C, and Reacts, eager to tackle challenges and gain hands-on experience in both software and web development.

Education
Virginia Commonwealth University, Richmond, VA   Expected Graduation: May 2024
Bachelor of Science in Computer Science, *cum laude*
Minor: Math
GPA: 3.5   Dean's List (Fall 2020, Spring 2021, Spring 2022, Fall, 2022 Fall 2023, Spring 2024)

Relevant Courses
Design & implementation User interface, Software analysis & Test

Skills
Programming languages: Java, HTML/CSS, JavaScript, C, Python, Assembly Language, Lisp, G-code, SQL, Native reacts, Reacts
Software tools: Git/GitHub, Flask, Pytest, Docker, MySQL, Visual Studio Code, IntelliJ IDEA, TensorFlow, Figma, WordPress
Language skills: Fluent in spoken Cantonese.
Licenses & certifications: IBM Z Xplore - Advanced, React.js training, JavaScript training, AWS Educate intro & storage, Azure

Internship Experience
Website Maintenance Intern, Women of Connections Ministry, Richmond, Virginia   May 2021 – August 2021
   - Created a responsive webpage using the Elementor website builder in WordPress, meeting staff-requested design specifications with a focus on HTML and CSS and Improved user experience and interactions by 15%.
   - Executed ideas and information efficiently to align with the company's vision for the website, Ensuring the website met the desired standards and goals.
   - Updated multiple different pages with changing styles regarding pictures or buttons with CSS in Elementor.
   - Emphasized documenting code and creating technical documentation to facilitate easy maintenance and knowledge transfer.
   - Contributed to a 50% reduction in the time taken to translate software from one language to another.

Academic Projects
Machine learning for cybersecurity in 3D printers, Senior design, VCU, Richmond VA   Fall 2023 – Spring 2024
   • Collaborated with a team of three to develop a machine learning model to detect malicious G-code files in 3D printing
   • Contributed to generating and modifying G-code files to enhance dataset quality, model accuracy, and robustness.
   • Built and trained a binary classification model using Long Short-Term Memory (LSTM) with TensorFlow.
Recipe Application, Design & implementation User interface, VCU, Richmond, VA   Spring 2024
   • Created a mobile application using React Native within Expo development, incorporating multiple user interfaces.
   • Preview available using quarto: https://cmsc-vcu.github.io/cmsc475-sp2024-hw11-Elites100/report.html
Video Game database, Database theory, VCU, Richmond, VA   Fall 2023
   • Collaborated in a team of three to create a database using phpMyAdmin.
   • Showcased the database with Flask API and implemented various querying commands.
GitHub, Software as a service (SAAS), VCU, Richmond, VA   Fall 2023
   • Developed a Python application leveraging the GitHub API to extract and analyze data from public repositories.
   • Implemented HTTP requests using the requests library to collect JSON data from the GitHub API.

Independent Projects
WeatherWave   July 2024
   • Created a React web application for weather updates for specified cities, helping users understand weather conditions
Notebook web server   June 2024
   • Created a Django-based web application for notetaking, journaling, and other writing activities for different users
Replicated Amazon   July 2023
   • Created a JavaScript-based AMZ shopping page to refine programming skills and understand e-commerce utility
Animated Login page   January 2023
   • Created an engaging login screen using HTML and CSS, enriching UX and UI, and enhancing user-friendliness.
YouTube customization   November 2022
   • Developed a user-friendly prototype YouTube dashboard targeting non-tech-savvy individuals, using HTML and CSS

Student Organizations/Activities
RamDev, Member Richmond, Virginia 8/2021 – 5/2024 | Amazon Web Services, Learner | Tohacks 2022, Participant | Rookiehacks II, Participant | Simplihacks, Participant | Neo4j, Participant | MegaHackVCU, Participant