Joshua Van Tran

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OBJECTIVE

Pursuing entry-level Computer Science-related position that will allow me to use my strong problem solving and analytical skills.

SUMMARY OF QUALIFICATIONS

- Highly knowledgeable in Java, Python, JavaScript, HTML, CSS, and Kotlin programming languages. Currently studying C++
- 3 years experience with MySQL and writing SQL statements
- 4 years experience working with REST APIs
- 3 years experience with unit testing
- 4 years experience with Agile software development methodology
- 3 years experience with Git/Bitbucket
- 8 years experience with building computers and cable management
- Strong familiarity with IT infrastructure components, network concepts, and security practices
- Adept at problem-solving in IT environments
- Adept at communicating complex information in solo and team environments

EDUCATION

Towson University (TU) | Sep 2020 – Dec 2022 | **B.S. in Computer Science** | GPA: 3.536/4.0

College of Southern Maryland (CSM) | Sep 2018 – May 2020

Relevant Coursework Completed: Software Engineering, Object-Oriented Design & Programming, Data Structures & Algorithm Analysis, Design & Analysis Algorithms, Database Management Systems, Web-based Programming, Mobile Application Development, Operating Systems, Introduction to Cybersecurity

TECHNICAL SKILLS

Projects:
Weather Forecasting Website: Solo project accepted any valid US zip code and returned weather related information back to the user such as weather type, temperature, humidity level, wind speed, etc. Application performed GET requests to the openweathermap.org API and served the returned data to the frontend. Website developed using JavaScript, HTML, and CSS, and utilized Bootstrap, jQuery

Android Audiobook Player: Lead on team that developed application to playback user audiobook files and allow user to set bookmarks. Wrote and read from text documents to remember user data upon exiting the application. Performed unit testing on all parts of the application. Application developed using Kotlin, HTML, and CSS and utilized view models

Compiler: Solo project performed lexical analysis, syntactical analysis, and semantic analysis on text documents. Compiled based upon a theoretical programming language with theoretical rules. Returned the identity of the invalid token, as well as the line number and index of the invalid token. Performed unit testing on all parts of the application. Application developed using Java

Personal Website: Solo project implemented a dynamic form that handled a wide range of input validation for individuals to receive Table Tennis coaching. Website developed using JavaScript, HTML, and CSS

Table Tennis Tournament Manager: *In progress, Solo project implementing a dynamic user interface that guides the user though the tournament process, such as allowing the user to generate draws, dynamically enter and save tournament related information, and automatically handle any necessary calculations in a wide range of scenarios. Web application developed using JavaScript and React

WORK EXPERIENCE

Front-end Website Developer | www.novattc.com | Sep 2020 – Sep 2023
- Implemented website changes such as new announcements, updates to schedule, updates to coaching staff, etc.
- Website updated using JavaScript, HTML, and CSS

NREIP Quality Engineering Internship | Dahlgren, VA | Jun 2020 | *Canceled due to COVID-19
- Achieved Secret Clearance
- Interviewed and selected for a competitive 10-week science and engineering summer internship based upon academic achievement, personal statements, recommendations, and career and research interests
- Ensured that all deliverables met all requirements and industry standards