Daniel (Tuan Dat) Doan

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Profile

Passionate and diligent graduate with an associate degree in Computer Science and updating computing knowledge. Seeking to apply my knowledge and skill to create practical programs, advancing my career and contributing to the success of the company.

Skill Highlights

Ample knowledge of C++, Java, and JavaScript, being able to create application software, websites, and games.

Ability to self-study and learn quickly while doing researches, utilizing online tools and technical venues to enhance productivity.

Dedication of playing as a team member with the capability of working under pressure, task timing and prioritizing, supporting teammates, and effectively communicating to build up a strong team.

Education

Associate Degree in Computer Science, Langara College (Sep 2017 - Sep 2021)
- **Web Development:** React, NodeJS, Git/Github, HTML5, CSS, Javascript, TypeScript, Travis CI
- **Software Development:** C++, Java, Shell, Python
- **NoSQL & SQL Database:** MySQL, SQL Sever, SQLite, MS Access
- **Data Analysis:** Python, Algorithms and Data Structures
- **Working Methodology:** Agile
- **Version Control:** Git
- **Microsoft Office:** VBA, Word, Excel, Outlook

Hanoi - Amsterdam High School for the Gifted (Sep 2014 - May 2017)
A proud student of Vietnamese first ranked high school, where people are taught to be passionate and persevering with a purposeful will to achieve success

Academic Projects

Web Development
- Developed websites with API in a small team using Agile methodology - Scrum as a Software Development Life Cycle (SDLC) method.
- Proficiently utilized base Tech Stacks as React, NodeJs, JavaScript, TypeScript and managed the project with advanced knowledge of Git/Github and Travis CI with the support of Work Breakdown Structure (WBS), Data Flow Diagram (DFD), CI/CD Pipeline.

Software Development

- Created simple C++ applications to track and manage data in an organization, such as bank accounts, integrated library system, stores' products and sales, or workforce timekeeper management, to reduce human resources and improve work efficiency.
- Experience with software installation as setting up PC's Windows or Mac's Operating System, installing and fully understanding PC hardware, and common applications such as Microsoft Office, G Suite, Antivirus, etc., as well as updating, maintaining, and uninstalling unused programs. Practical experience with hardware installation for companies during maintenance.
- Applied Object Oriented Programming (OOP), using classes and objects, to build multiple single-responsibility component elements, combined with the utilization of Java Frame Class, which creates simple Graphical User Interface and animation, to build a Chess Game
- Applied Unified Model Language (UML) to design and SQL programming language to implement databases and applications based on the database management system, using Oracle programming tool.

Data Analysis and Algorithms
- Developed algorithms for different problems and sought better-altered codes to optimize its effectiveness.
- Analyzed algorithms and provided different strategies in order to improve its performance.

Debugging and Testing
- Strategically analyzed source codes in order to quickly trace and print bugs, enhancing efficiency.
- Provided various methods to test for the effectiveness of the debugging and the accuracy of the codes.

Work Experience

Part time, Reel Mac and Cheese (April 2021 - July 2021)

Part time (summer full time), Rodney's Oyster House, Vancouver (Sep 2017 - April 2021)

Line Cook
- Worked as a team leader, organizing workflow based on the restaurant's circumstances, in charge of inventory control and supplies, eliminating the possibilities of product waste and shortage, guaranteeing the quality of the services, and assisting the manager to ensure everything runs smoothly.
- Started as a dishwasher, learning and practicing cooking during slow shifts, and eventually advancing to the position of a lead cook, managing the kitchen during the chef's absence, and contributing ideas to the development of the food menu in the restaurant.
- Occasionally trained new staff, supervising their efficiency, effectively communicating, and creating a friendly working environment.

Extra-curricular activities

Dancing
Besides studying and working, since high school, I have been dancing to many musicals and contests: 1st place in Ams' got talent - a high school talent show in 2015, dancer of Grease the Musical, G'LAMS the Musical in 2016, and LaMode's fashion show in 2017, and 2nd place in a dance competition - Dance Y'all in 2018. Although I haven't been in any activities since 2018, dancing, especially breaking, is still a regular hobby of mine, in which I can escape from stress, do exercises, and improve my mental health.