DUC HOANG

Software Developer

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Personal Profile

Enthusiastic and self-motivated 2nd-year Software Development student at SAIT - GPA 3.9, with various transferable skills from 10 years of work as a commercial pilot. Seeking the Software Developer positions to leverage my software development skills and passion for technology to contribute to challenging projects, gain valuable industry experience, further develop my skills in an innovative environment

Summary of Qualifications

- Strong understanding of Software Analysis and Design principles, TDD, UX/UI, Agile, Kanban
- Experienced with hands-on projects in various languages i.e., Java, Python, C#, C++, JavaScript
- Knowledgeable in database designs, SQL language, MySQL, PL/SQL
- Honed by 10 years in fast pace aviation industry, familiar with Standard Operating Procedure (SOP) & Safety practices, excellent ability to work both independently or in team, effective multitasking, recognized for strong leadership, time management, problem solving, and attention to details

Technical Skills

- Programming Languages: Python, C#, C++, Java
- Technologies: ASP.NET, .NET MAUI, HTML, CSS (Tailwind CSS, Bootstrap), JavaScript (React, Next.js)
- Database: Microsoft Azure, SQL language, MySQL, PL/SQL
- Tools: Power BI, MS Office & Office 365, MS Azure, MS Power Automate, MS Forms, Adobe Photoshop
- Project Management Fundamentals: Waterfall, Agile – Scrum & Kanban, Unified

Education & Certifications

IT – Software Development Diploma (Expected in April 2024)   **September 2022 – Now**
Southern Alberta Institution of Technology (SAIT) │ Calgary, Alberta
- Web Development
- Data Programming and Testing, Object-Oriented Programming
- Database Design and Programming, Data Programming and Testing
- Software Analysis and Design, Mobile Application Development, Software security, UX and design
- Trojan e-sport member, Hackathon winter 2022, GPA 3.9

Google IT Support Professional Certificate   **September 2022**
- Network protocols, cloud computing, Windows operating system, Linux command line, systems administration, encryption algorithms and techniques

Junior IT Analyst Program   **May 2022 – December 2022**
NPower Canada │ Calgary, Alberta
- Configure device operating systems, including Windows and Linux, while configuring disk partitions and filesystems
- Basic IT infrastructure and networking, including DNS and DHCP, Active Directory, and OpenLDAP

Work History

Problem Solver Associate   **September 2020 – September 2021**
Amazon Fulfilment Centre
- Handle ticket raised by team to correct inventory issue
- Conduct performance briefing to team members
- Report safety check to manager

Commercial Pilot   **January 2010 – March 2020**
Captain AirbusA320
- Follow standard procedure to conduct daily flights
- Ensure safety and aircraft technical status
- Maintain technical log and update documents
- Adhere to strict protocols to resolve technical problem

Volunteer Activity

IT Support   **October 2022 – Now**
Calgary Vietnamese Women's Association
- Configure and maintain laptops, desktops
- Use MS Forms and MS Power Automate to collect data, facilitate events
- Host basic IT workshop for elder learner
- Setup and facilitate online meeting   **July 2021**

Center For Newcomer
- Prepare and deliver food package for pandemic victims   **June 2023**

Calgary Maker Fair 2023
- Information desk
- Photography desk attendance
- Direction guide

Action Dignity   **June 2023 – December 2023**
Gender Base Violence Train the Trainer Community Advisor
- Workshop to promote awareness in GBV
- Informal representative in helping GBV victims