Ryan Hoang

(343) 987 2481
hoan0094@algonquinlive.com
LinkedIn | Portfolio | GitHub

Education

Computer Engineering Technology – Computing Science   **Sept 2019 - Present**

Algonquin College, Ottawa ON

- Dean's Honours List
- GPA 3.9 / 4.0
- Highlighted courses: Object–Oriented Programming (Java), Database (SQL), Network Programming, C Programing, C++ Programming, Data Structure (Java), Web Programming, Numerical Computing, Java Application Programming, Compilers

Related Experience

Web Developer (Co-op)   **Sept 2020 – Dec 2020**

DMS Future Proof Program - Invest Ottawa, Ottawa, Canada

The Future Proof Program supports local businesses transforming or developing a digital transformation plan during the pandemic. All their websites were created with CMS.

- Meet with clients to identify the disadvantages and the needs of their websites based on their CMSs (**WordPress, Wix, Shopify, Square**)
- Ensure websites have needed features by adding and testing plugins, applications or functions
- Ensure the front-end is friendly to users by work with UI/UX designer to execute the design plan
- Optimize their websites by compressing images, improving SEO, removing unused code and apps, increasing sites' speed
- Ensure clients can maintain websites by giving tutorials and recommendations

Front-end Web Developer (Internship)   **June 2018 – Sep 2018**

FPTS Joint Stock Company, Hanoi, Vietnam

- Developed the mock-up stock price board for the company using **HTML5, CSS3, JavaScript**
- Understand JavaScript Algorithms and Data Structures by achieving Free Code Camp **JavaScript** certificate
- Cloned a service form with **HTML5**, **CSS3** for the company and tested form validation with **JavaScript**
- Improved coding skills by having many side projects like Snake game, Calculator

Personal and Academic Projects

Compiler (ANSI C)

- **GitHub:** https://github.com/minhduc09/compiler
- **Description**: The front-end of a compiler for the PLATYPUS language, divided into 3 parts Buffer – Scanner – Parser

Stock Price Board (HTML5, CSS3, Bootstrap JavaScript, JQuery)

- **GitHub:** https://github.com/minhduc09/price-board
- **Description**: A mock-up price board from random self-generated data. The price board has algorithms to process real data.

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Database for Customers and Employees (PostgreSQL)

- **GitHub:** https://github.com/minhduc09/Customers-Database
- **Description**: An academic project at Algonquin College. A database of made-up customers data, got analyzed using SQL Insert, Select, Join.

Program–Related Skills

Programming Languages: Java, SQL, JavaScript, HTML/CSS, PHP, C, C++

Frameworks & Platforms: Bootstrap 4, Jquery, ASP.NET

Web-Development Tools: HTML, CSS, JavaScript, Bootstrap, Jquery, Creation of tables, web pages

Content Management Systems: WordPress, Shopify, Wix, Squarespace, Square, Umbraco

Database Management Systems: PostgreSQL, Microsoft SQL Server Management

Software Tools: Eclipse, Sublime, VMWare Workstation, Microsoft Office

Soft skills:

- Ability to use effective time management strategies to complete tasks under time constraints
- Ability to clearly communicate with team members and supervisors in a professional environment
- Self-confidence, growth mindset, adaptability

Other Work Experience

Peer Tutor - Algonquin College – Ottawa, ON   **Apr 2020 – Now**

- Peer tutoring in Intro to computer programming Java, OOP Java, Data Structure, Tech Math, C Programming, Web Programming
- Help students understand their lectures and guide them on their labs
- Gain back programming foundation for students

SAT Instructor - The Princeton Review - Ottawa, ON   **Jan 2020 – Jan 2021**

- Teach high school students SAT course and prepare enough knowledge for them about college admission
- Help individual students to improve their weakness if needed by tutoring
- Write reports of students' progress for the company and parents

References

Contact Name: Vladimir Kozak   Contact Name: Daniel Cormier

Position Title: Digital Marketing Lead   Position Title: Professor

Company Name: Invest Ottawa   Company Name: Algonquin College

Email: vkozak@investottawa.ca   Email: cormied@algonquincollege.com