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OVERVIEW

A third year Computer Science student at the University of Windsor. Looking to gain a meaningful coop employment to further professional aspirations, as well as academic understanding. Offering skills in an array of software aspects including; knowledge in programming languages, working with Integrated development environments, software tools, software process models, low level system programming, compiler construction, object oriented design patterns and a history in projects that have proven a strong leadership background.

EDUCATION

BSc. Honours Computer Science - Software Engineering Specialization Coop with Math Minor

September 2015 - Present

University of Windsor • Windsor, ON

Courses: Object-Orientated Programing Using Java, Data Structures and Algorithms, System Programming, Data Base Management Systems, Compiler Design, Software Testing and Verification

- Maintaining a 3.7 GPA in all Computer Science Classes
- Totalling a 90% average in the past three semesters

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, C, Python, HTML, Bash Scripting, SQL, CSS, PHP

Operating Systems: Windows, OSX, Linux

Software: Robot, Selenium, Unity Engine, Android Studio, Eclipse, Microsoft Office, Photoshop, GIMP,

Visual Studio, IntelliJ IDEA, MySQL, PyCharm, phpMyAdmin

Web Frameworks: React, Angular 5, AJAX, NodeJS, JSON, SCSS, API Integrations

CPM Tools: Git, Bitbucket, GitHub, Basecamp, JIRA, Slack

WORK

Teaching Assistant

August 2019 - Present

EXPERIENCE University of Windsor • Windsor, On

- Lab instructor for weekly tutorials for the Systems Programming Class
- Marked student's assignments and midterms as well as offered one on one tutoring help
- Reinforced knowledge in C and in the Linux Operating System environment, as well as low level system calls
- Utilized both Windows and Mac machines

PROJECTS

Website Development



August 2019

University of Windsor • Windsor, On

- Created responsive designs with CSS3, HTML5, JavaScript
- Used PHP and JavaScript for single page applications through SQL using the MySQL software on the backend
- Ajax was implemented for dynamic web pages
- Utilized this stack for many website projects

Course Sequence Generator



Fall 2019

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- Agile Framework was utilized, specifically in Scrum
- Worked in SQL design, built in React
- Building a web application, to generate courses based on programs, for students
- Built backend server to host necessary databases
- Worked extensively with database, ensuring **normalization** and security

Tic Tac Toe

Tac Toe Fall 2018

University of Windsor • Windsor, On

- Designing a game with multiple AI difficulties (symbolic AI)
- Utilized complex algorithms for decision making when traversing the board

Networking Winter 2019

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- Created Sockets for client server communication
- Aimed to troubleshoot client server issues in communication
- Designed in C and the Linux environment on a Windows machine

Controls Engineer/Web Developer

January 2019 – Present

UWinloop ● Windsor, On

- Worked on a web development team utilizing the **Angular 5** framework to design a rich client web application
- Designed a UI for a manufacturing pipeline and assisted in the infrastructure design of the client server communication mode