Jasmaan Panesar

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Website : https://bingaa.github.io/Personal-Website/

EDUCATION

Waterloo, Ontario (Sept 2014 – Present)
WILFRID LAURIER UNIVERSITY
Honours BBA, Finance Concentration

- Used strong verbal communication & analytical skills to reach semi-finals of Samsung Case Competition

Honours BSc, Computer Science

- Dean's List for having 11.13/12 GPA

SKILLS

PROGRAMMING LANGUAGES
Java, Python, C, C++, 68k Assembly Language, Linux, MySQL, HTML, CSS, JavaScript, AngularJS, ReactJS, Maple, PHP, jQuery

SOFTWARE PROFICIENCIES
Excel, PowerPoint, SharePoint, Bash, Eclipse, Git, Docker, Kubernetes, Jenkins, Redis, Cassandra, Elasticsearch, Postman, Oracle VM, Jira, BitBucket, XAMPP, LaTeX

PROJECTS

- Messenger website coded in HTML, CSS, JQuery, PHP, MySQL
- 3D Airplane game in C++ using OpenGL library for Computer Graphics Final Project
- Sudoku Solver in Python using constraint propagation and backtracking algorithms
- Genetic Algorithm in Python using matplotlib library to dynamically graph results
- Reliable data transfer program in Java using Datagram Socket API

AWARDS

- Cisco Excellence Academic Scholarship for having highest academic standing in Wilfrid Laurier University dual degree program
- Dr. John E Brent Scholarship for having highest academic standing in Wilfrid Laurier University Computer Science Department in Year 3 or above
- Union Gas Business Excellence Scholarship for having highest grade in CP216: Intro to Microprocessor

WORK EXPERIENCE

Toronto, Ontario (Sept 2018 – Dec 2018)
NOMIS SOLUTIONS
Forward Deployed Software Engineer Co-op

- Implemented unit-testing framework and coverage library to mortgage pricing application using Mocha and Chai libraries
- Developed new features and bug fixes for various front-end Meteor applications
- Developed Tableau reports that use data generated from the company price optimization software to provide insightful analysis to the client
- Developed Scripts & Tools to help automate software configuration & deployment processes

Waterloo, Ontario (Sept 2017 – Dec 2017)
NCR CORPORATION
Software Engineer Co-op

- Implemented new features in an innovative manner to company's core backend product by modifiying and creating RESTful APIs and micro-services in Java using Spring framework
- Added new functionalities to company's banking web application using CSS, HTML5 and AngularJS
- Wrote JUnit tests along with Cucumber end-to-end/integration tests
- Assisted development practices by writing bash scripts and maintaining/upgrading Kubernetes clusters

Toronto, Ontario (Jan 2017 – April 2017)
ERNST & YOUNG CANADA
IT Advisory Consultant Co-op

- Collaborated with members of the team to plan engagements, develop work programs, and complete budget-to-actuals reports
- Used knowledge of the current IT environment and industry IT trends to create high quality deliverables which resulted in the client extending an additional statement of work
- Programmed and executed statistical computing code on financial data (1MM+ entries) to produce analytics for various clients including insurance companies and banks
- Independently ran meetings with Manager and VP level client contacts

Waterloo, Ontario (Sept 2016 – Dec 2016)
WILFRID LAURIER UNIVERSITY – MATH ASSISTANCE CENTER
Peer Tutor

- Tutored students in linear algebra, mathematic proofs, calculus & financial mathematics part-time while handling a full course load

Toronto, Ontario (April 2016 – Aug 2016)
ERNST & YOUNG CANADA
IT Risk & Assurance Co-op

- Documented & tested business processes dependent IT
- Performed external assurance engagements over IT general controls and application controls within various IT environments and systems
- Provided exceptional client services by establishing positive relationships with client personnel, monitoring progress, managing risks and ensuring key stakeholders are informed about progress and expected outcomes
- Conducted data analytical procedures to assist financial advisory teams