

# Jasmaan Panesar

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## 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, Linux, MySQL, HTML, CSS, JavaScript, AngularJS, ReactJS, jQuery, PHP, Maple

### SOFTWARE PROFICIENCIES

Excel, PowerPoint, SharePoint, Bash, Eclipse, Git, Docker, Kubernetes, Jenkins, Redis, 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 modifying 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