

# Jasmaan Panesar

## CONTACT

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## TECHNICAL SKILLS

### Back-end Development:

Java, Python, PHP, SQL, MongoDB, Linux

### Front-end Development:

JavaScript (jQuery, ReactJS, AngularJS, NodeJS), CSS/SASS, HTML

### Data Analytics:

Python, SQL, Maple/MATLAB, R

### Software:

Microsoft Suite, Eclipse, Jenkins, Postman, Oracle VM, Jira, Bitbucket/Git, XAMPP

## AWARDS

### Cisco Academic Scholarship:

For having highest academic standing in Laurier dual degree program

### Dr. John E Brent Scholarship:

For having highest academic standing in Laurier Computer Science department in third year or above

### Union Gas Excellence Scholarship

For having highest grade in Intro to Microprocessor

## PROJECTS

- Messenger website coded in HTML, CSS, jQuery, PHP, MySQL
- 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
- 3D Airplane game developed in C++ using OpenGL graphics library

## EXPERIENCE

### FORWARD DEPLOYED SOFTWARE ENGINEER INTERN

Nomis Solutions, Toronto, ON

Sept 2018 - Dec 2018

- Implemented unit-testing framework with coverage using **Mocha** and **Chai**
- Developed new features and bug fixes for front-end **Meteor** applications using **JavaScript** (**jQuery**, **NodeJS**, **ReactJS**), **HTML**, **CSS**, **MongoDB** stack
- Created **Tableau** reports that used data generated from the company price optimization software to provide insightful analysis to banking clients
- Developed Scripts & Tools to automate software configuration & deployment processes
- Documented and tested business & technical requirements for **RESTful APIs** using **Swagger**

### SOFTWARE ENGINEER INTERN

NCR Corporation, Waterloo, ON

Sept 2017 - Dec 2017

- Implemented new features 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**, **HTML** and **AngularJS**
- Wrote **JUnit** tests along with **Cucumber** end-to-end/integration tests
- Assisted development practices by writing bash scripts and maintaining/upgrading **Docker** containers deployed in **Kubernetes** clusters

### IT ADVISORY CONSULTANT INTERN

EY Canada, Toronto, ON

Jan 2017 - April 2017

- Worked on engagements related to **IT Audits**, **Cybersecurity**, **Data Analysis** and **Disaster Management**
- 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 to produce analytics for various clients including insurance companies and banks
- Independently ran meetings with Manager and VP level client contacts

### IT RISK & ASSURANCE INTERN

EY Canada, Toronto, ON

April 2016 - Aug 2016

- 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

## EDUCATION

### HONOURS BACHELOR OF BUSINESS ADMINISTRATION, FINANCE MAJOR

Wilfrid Laurier University, Waterloo, ON

Sept 2014 - Aug 2019

- Coursework in **Risk & Insurance**, **Financial Institutions**, **Financial Securities** & **Investment Management**

### HONOURS BACHELOR OF SCIENCE, COMPUTER SCIENCE

Wilfrid Laurier University, Waterloo, ON

Sept 2014 - Aug 2019

- 11.06/12 GPA