

# Jack Ding

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## Career Objective

Join and contribute to an ambitious and innovative team at IBM WebSphere and eXtreme Scale to transform the world of cloud data.

## Technical Skills

**Programming:** Java, Python, C++, C, SQL, Shell Script, MongoDB

**Web:**

- HTML (HandlebarsJS, EJS)
- CSS (Bootstrap, LESS)
- Javascript (AngularJS, React, NodeJS, Express, Ember)

## Other Skills

- Strong Communication Skills
- Agile Team Dynamic
- A Love for Solving Complex Problems
- Creative & Design-Oriented
- Driven by Execution

## Education

**Western U (2014-2018)**

Hon. Computer Science

**Courses:**

- Databases
- Artificial Intelligence
- Object Oriented Design
- Software Engineering
- Networks
- Algorithms

## Employment

**Leonardo Worldwide Corporation (Toronto):**

May '16 - Sept '16

Full-Stack Software Engineering Intern

- Worked with an agile scrum team to design, develop, modify, test, and ultimately launch Leonardo's first app store.
- Developed in the MEAN stack, Java, MySQL, and various front-end and back-end frameworks.
- Worked with design and architecture teams to refactor existing code to better follow internal standards.
- Performed debugging, code reviewing, and bug fixing for several Leonardo software applications.
- Created automation scripts for unit testing features in Jasmine and Karma.

## Most Recent Projects

**Schulich Dentistry Excel Client:**

C++, QT

- Developed an Excel desktop client for the Schulich School of Dentistry to analyze and present Excel data.
- Worked with representatives from the faculty to determine their requirements and common use cases.
- Redesigned and implemented a cleaner, more logical UI using C++ and QT.
- Implemented various new features requested by the client.
- Refactored and optimized old code to better align with object-oriented principles, increasing future reusability and modularity.

**IMDb Program:**

MySQL, Python, Flask, Bootstrap

- Developed an IMDb-style database manipulation application.
- Designed and implemented a modern UI using Flask templates, Bootstrap and JQuery.
- Worked with Python, Flask, and MySQL to implement backend storage with a MySQL server.

**Fitbit Desktop Client:**

Java, SWING

- Developed a desktop client for Fitbit users.
- Worked with Fitbit customers, gathered requirements, designed mockups, and performed and wrote unit and integration tests.
- Developed UI with SWING, and backend with Java. Implemented program persistence with Java Serializable Objects. Also worked with Fitbit API.
- Chosen as the best product by CS Faculty Fitbit users.

## References

On request.