

# DANIEL KIM

Computer Science ◊ University of Waterloo  
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## TECHNICAL SKILLS

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- Proficient in C#, C, C++, Scheme (Racket)
- Familiar with Java, HTML, CSS, Git
- Experience with Bash, SQL, XML,  $\text{\LaTeX}$
- Software: Visual Studio, Android Studio, Microsoft Office, Adobe Creative Suite (Photoshop, Illustrator)

## WORK EXPERIENCE

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### Transnomis Solutions Inc.

May - August 2015

*Software Developer*

*Toronto, ON*

- Implemented automated unit and integration testing in C# for Natural Language Processing system, GIS engine, and SQL queries
- Contributed to front-end web development of a traffic watch site
- Configured streaming replication and failover clustering on a two-node SQL server
- Created vector graphics and icons for website redesign using Adobe Illustrator

### Richmond Green Secondary School

January - June 2014

*Peer Tutor, Credit Recovery Program*

*Richmond Hill, ON*

- Explained math concepts in simple terms to help a struggling high school student succeed in their math courses

## PROJECTS

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### Easy Sound Recorder (Java)

December 2014 - January 2015

- Created an audio recording application for Android, featuring an intuitive, simple design
- Implemented SQLite database to store audio file information, as well as a service to enable recording in the background
- 1000+ installs with 4.3 star rating based on 60+ reviews

### SimFarm (C#)

May 2014

- Created farm simulation game in a team environment using Visual Studio
- Implemented Object-Oriented Programming principles

## EDUCATION

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### University of Waterloo

September 2014 - Present

Bachelor of Computer Science, Honours Co-op

- Selected Coursework: Object-Oriented Software Development · Logic and Computation · Elementary Algorithm Design and Data Abstraction

## ACTIVITIES & INTERESTS

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- University of Waterloo Orchestra - Violinist
- UI Design, Snowboarding, Swimming