

Christopher Ngan

LinkedIn Profile | Bitbucket Profile

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Summary

- Highly motivated and hard-working to succeed (top 5% of class)
- Programming languages - Java, C#, C++, Javascript, Python, HTML, SQL
- Platforms - Android, Web, .NET, Arduino, FPGA
- Design - User Experience, Databases, System Integration
- Hardware - Circuits, PCB, Microcontrollers, Debugging
- Tech and Libs - Node.JS, Bootstrap, D3, Google Maps, MongoDB, etc.
- Passionate in applying skills to create meaningful applications

Education

- **System Design Engineering**
University of Waterloo (Class of 2016)

Awards

- Dean's Honours List
- NSERC Undergraduate Student Research Award
- Faculty of Engineering Entrance Scholarship

Interests

- **Music:** plays guitar, piano, drums and spoons (the utensil)
- **Food:** passionate about cooking (once wanted to be a chef)

Professional Experience

Product Developer, Nicoya Lifesciences

Waterloo, ON (May - Aug. 2013)

- Primary software developer at company with a focus on system integration for health sensing technology
- Full stack experience with mobile/web apps, internal tools and back-end analytics
- Aided in design and construction of hardware projects

Research Assistant, University of Waterloo

Waterloo, ON (Jan - Sept 2013)

- Studied animations on large displays with a focus on UX
- Created a Java library for animation rendering

Mobile Developer Intern, Genesys Lab

Markham, ON (Sept - Dec 2013)

- Developed a web application using industry standards including Agile methodology and test driven development

Software Developer, Cole Engineering Ltd.

Markham, ON (Jan - April 2012)

- Developed an Android app for data surveying on sewars
- Created a project management tool on .NET platform

Projects and Experiences

Manuscripter, Developer (click for link)

- Created a bible study tool with technology like Node and Backbone

Electric Piano, Team Member

- A 12 key piano built with a FPGA board and electrical components

Play on Time, Developer

- A vibrating metronome for the Sony Smart Watch

Talk Light, Developer

- An experiment which provides analytics of a light sensor

UWAct, Vice President

- Started a club which bridges students and local organizations to develop the community