

# Hao Jin

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## EDUCATION

### UNIVERSITY OF WATERLOO

CANDIDATE FOR BACHELOR OF  
MATHEMATICS

Enrolled. Sept 2014-Present |  
Waterloo, ON

## SKILLS

### LANGUAGES & FRAMEWORKS

Experienced:

Java • Android Studio • Arduino IDE •  
Racket Scheme

Familiar:

C • C++ • Bootstrap • Python •  
Microsoft's Visual C# • HTML&CSS •  
MIPS

### PROFICIENCY OF MICROSOFT OFFICE

Excel • Powerpoint • Word

### PUBLIC SPEAKING

Motivating • Mediating • Positive

### TEAM PLAYER

Approachable • Dedicated •  
Detail-Orientated

### LANGUAGE

- Fluent in English
- Fluent in Chinese Mandarin

## AWARDS

### PREMIER'S AWARD FOR AGRI-FOOD INNOVATION EXCELLENCE REGIONAL AND MINISTER'S AWARD

Dec 2017 | Brampton, ON

### U OF WATERLOO'S STUDENT LEADERSHIP CERTIFICATE

February 2015 | Waterloo, ON

### U OF WATERLOO'S ENTRANCE SCHOLARSHIP

June 2014 | Mississauga, ON

## EXPERIENCE

### SUNPILLAR INC.

LEAD ANDROID APPLICATION DEVELOPER

May 2017 - September 2017 | Brampton, ON

- Developed an Android application that receives and displays environmental data from local Arduino appliance with Bluetooth.
- Partially designed the GUI using Adobe Photoshop CC.
- Implemented Google Maps API to assist consumer debugging and troubleshooting through geo-tagging images.
- Employed Google Speech Recognition API to provide user's with an additional method of navigation within the application and to improve its manageability.

### LEAD EMBEDDED SOFTWARE DEVELOPER

January 2017 - April 2017 | Brampton, ON

- Built a complete prototype system of an environmental data collection and processing appliance using Arduino micro controller boards, various sensors, and data storage and communication modules.
- Programmed Arduino prototype's sensor fusion processes with C/C++ scripts using Arduino IDE.
- Integrated Bluetooth communication protocols to wirelessly transfer data from appliance to Android remote Android application.
- Modified C/C++ libraries to assure successful cross-platform compatibility on different micro controller boards.
- Troubleshooted Serial and Bluetooth data transfer and local data storage problems through research, and rigorous testing of associated C/C++ scripts.
- Developed a thorough understanding of various schematics to perform appropriate hardware modifications on micro controller modules.
- Assisted in the production of interposer boards through drafting schematic diagrams using Fritzing.

### THE CO-OPERATORS GENERAL INSURANCE COMPANY

OPERATIONAL ACCOUNTING | SUMMER STUDENT

July 2015 - August 2015 | Guelph, ON

- Updated and balanced reconciliations using data extracted from Oracle Business Intelligence database and external reports.
- Troubleshooted situations through proactive thinking and teamwork.

REGULATORY REPORTING | SUMMER STUDENT

May 2015 - June 2015 | Guelph, ON

- Tested various insurance companies' Property & Casualty Report pages using queries in Budget Planning Control and Microsoft Office Excel.
- Enforced Property & Casualty Report pages' tests with calculations derived from formulas.
- Documented procedures and conclusions on tests conducted for pooling.
- Created reconciliation supporting Excel files from Claim Center database for monthly reporting to OSFI.
- Communicated in a teamwork orientated environment to assist in creating Property & Casualty Reports.

## LINKS

[github.com/JinH](https://github.com/JinH)

[linkedin.com/in/jinhao/](https://www.linkedin.com/in/jinhao/)