

## Skills

**Software** Experienced in: Javascript, Java, Bootstrap, HTML5, CSS3, Git  
Familiar with: Python, Ruby, C++, jQuery, AngularJS, Android  
Experimented with: Flask, Rails, Node.js, Haskell, SQLite, MongoDB, React.js

**Hardware** Experienced in: Arduino, Intel Edison, Pebble, Soldering  
Familiar with: Myo, Spark Photon, Xadow Wearables

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## Employment

**Mr.Tutor GTA** Brampton, Ontario

March 2015

Freelance web developer contract for local tutoring service

- Utilized Bootstrap 3 framework to enable responsive design
  - Created website elements in Photoshop and responsive modifications with CSS
  - Website can be found at mrtutorgta.com
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## Projects

**Alerticon**

October 2015-Present

Voice recording emergency hotline to analyze likelihood of shock in EMS caller

- Leverages Twilio, HP Haven on Demand, CMUSphinx APIs for phone call functionality, sentiment analysis, and speech to text respectively
- Built with Flask, pocketSphinx and TwiML

**GTAHackathons.com**

June-July 2015

Local event tracker & newsletter

- Created using AngularJS with clean design principles in mind
- Created a mailing list with subscribers using MailChimp

**PillowCase**

May 2015

Smart pillow attachment created in 36 hours for WearHacks Toronto

- Monitors sound and motion data using Intel Edison wearables kit with Arduino code
  - Pushes data with RESTful API to google spreadsheets for real time graphing
  - Used to monitor or diagnose conditions such as sleep apnea and insomnia
  - Presented to a panel of technical evangelists and venture capitalists as part of top 10 judging
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## Accomplishments & Distinctions

**WearHacks Toronto Top 10**

May 2015

Team leader & hardware specialist for hardware hackathon with over 300 participants.

**Koding Global Virtual Hackathon Finalist**

December 2014

Team leader for hackathon with 2000 teams from around the world.

**William Osler Kiss My Appathon Top 50**

November 2014

Team leader & head developer for hackathon with theme of "hack for change."

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## Education

University of Waterloo Candidate for Bachelor of Systems Design Engineering Class of 2020