

THEODORE TAN

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WORK EXPERIENCE

INSTRUCTIONAL ASSISTANT

Wilfrid Laurier University | September 2014 – April 2017

- Supported students with their questions during labs
- Marked assignments while providing constructive feedback

BACKEND WEB DEVELOPER

North60 Tech (Co-op) | May – August 2016

- Developed the RESTful web service for a healthcare application using Flask
- Designed the database structure for storing drug prescription data
- Deployed updated code to the live server

JR. WEB DEVELOPER

Clausehound (Co-op) | May – August 2015

- Developed a document uploading web tool that extracts information through content matching
- Allowed users to add comments to their document and download the personalized .docx files

PROJECTS & ACTIVITIES

WATSLIT

deCODE Waterloo | March 2017 | Team Microsoft

- Bot that tells you about events happening on University of Waterloo's campus, deployed on a webpage and skype
- Developed with the Microsoft Bot Framework through Node.js, the UWaterloo Open Data API, and DocumentDB

SEED PITCH COMPETITION

DECA U Provincials | January 2017 | 4th Place

- Created and pitched a new business idea to bring Virtual Reality into the education space
- Built a business model with realistic financials, and a proposed technology stack with my team

BARS

AngelHack Toronto | June 2016

- Rap-bot that sends a rhyming line back at the user when prompted
- Developed with the Facebook Messenger Platform, Node.js, and MongoDB

RIDEON

Software Engineering Term Project | December 2015

- Rideshare application for inter-university travel
- Built with the Ionic Framework and Firebase

SKILLS

TECHNOLOGIES

- Languages: Python, JavaScript, HTML5/CSS3, Java, SQL, noSQL
- Tools: Node.js, React, Flask, AWS, Git, Bash

EDUCATION

HONOURS COMPUTER SCIENCE (BSc)

Wilfrid Laurier University | September 2013 – Present

- Candidate for BSc in Honours Computer Science with Co-op in June 2017