

# Taha Nasir

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## EDUCATION

**University of Western Ontario**, London, ON, Canada

Bachelor of Science in Computer Science, June 2017

- Honors Specialization in Computer Science
- Second Major in Medical Sciences

## EXPERIENCE

**IBM**, Software Developer Intern

May 2015 – Aug. 2016, Toronto, ON, Canada

- Built developer tools for WebSphere and Bluemix by writing Eclipse Java EE plugins
- Developed plugins to create and manage WebSphere Liberty application servers running in Docker
- Built infrastructure to automate Docker tests and increased test code modularity by implementing plugin extensions
- Fixed over 10 defects and improved test automation results
- Tested Liberty and Node.js buildpacks for Bluemix

**MagneticHR**, Web Developer

May 2014 – Aug. 2014, Toronto, ON, Canada

- Increased users and signups by developing a simpler UI for the HR platform using Bootstrap and jQuery
- Improved user experience by redesigning the employer's job board and applicant management page
- Implemented a built-in emailing feature using PHPMailer to help employers email their applicants instantly

**BizInc**, Technical Intern

Sept. 2013 – Apr. 2014, London, ON, Canada

- Updated the campus incubator's website using PyroCMS
- Managed BizInc's social media accounts with Hootsuite
- Generated web traffic for startups using search engine optimization and social media marketing

**Lawson Health Research Institute**, Research Intern

May 2012 – Aug. 2012, London, ON, Canada

- Tested bioluminescence of mice cells transfused with luciferase genes and analyzed data with IBM SPSS
- Designed and printed experimental materials using SketchUp, a 3-D modeling software

## SKILLS

**Languages:** Java, Python, C++, C, SQL, JavaScript, HTML, CSS

**Tools/Frameworks:** Git, Flask, MySQL, Bootstrap, jQuery, Android, Docker, Bluemix

## PROJECTS

**Life Expectancy App** (In Progress)

Final Year Thesis Project

- Developing an Android application to predict a person's life expectancy using scikit-learn and supervised machine learning

**PlayBall**, Fall 2016

Hack the North, University of Waterloo

- Built a Flask web app to monitor the number of people playing basketball at a nearby court or recreation center
- Users can input their location and a list of public basketball courts is retrieved using Yelp's API

**Movie Theatre Store**, Fall 2016

Coursework, Databases I

- Developed a web app with Flask and MySQL to simulate an online movie theatre store
- Customers can view movie show times, purchase tickets and rate movies
- Staff can update movies and showings

**Weather App**, Spring 2015

Coursework, Intro to Software Engineering

- Built a Java desktop weather app using the OpenWeatherMap API, Maven and Swing GUI
- Includes short-term and long-term forecasts

**Facebook Enhancement Suite**, Winter 2015

MHacks, University of Michigan

- Built a Facebook Chrome extension to let users share their Github and LinkedIn URLs
- Other users can view the person's links by hovering over their name on Facebook