Taha Nasir

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github.com/tahanasir

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 the infrastructure to automate Docker tests and increased 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

- Developed a simpler UI for the HR platform using Bootstrap and jQuery which resulted in an increase in users and signups
- 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 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
- 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