NOAH MIFSUD LATTARI

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EDUCATION

Ryerson University   September 2016- Current

Honors BSc in Computer Science, Minor in Mathematics. Expected graduation 2020.

Relevant Courses: *Web Applications, Data Structures, Intro to A.I, C & Unix, Algorithms, Computer Security, Databases.*

EXPERIENCE

Ryerson University Department of Computer Science   Dec 2018 - Current

Undergraduate Teaching Assistant - CPS 125, Toronto ON

· Teaches weekly labs for "Introduction to Computer Science for Engineers" to 30 first year students.

· Involves explaining core C/C++ programming concepts, as well as guiding students through errors and bugs.

Laboratory of Innovation in Transportation Technology   April 2018 - Sept 2018

Software Developer / Research Assistant, Toronto ON

· Mobile Developer (iOS, Swift) for an iOS application used to track GHG emissions and suggest route alternatives to improve the environment (www.carboncount.io).

· Wrote an algorithm in Swift to detect the start and end of routes, and to handle data storage using the Amazon S3 bucket.

· Consistently pitched new ideas to large groups of project administrators to receive feedback.

· Designed and implemented fully-scalable UI's using Xcode, kept code readable and up to date for other team members using git.

SKILLS

Experienced	Java, Swift, C, HTML, CSS, SQL
Familiar	JavaScript, Python, PHP.
Tools & Frameworks	Git, Flask, Node.js, React.js, Amazon Web Services, Linux/Unix.
Spoken Languages	English and French (Working Proficiency), Spanish (Elementary).

PROJECTS & HACKATHONS

Recognize-Me (Python/Flask, JavaScript/HTML) [Hack the Valley]   February 2019

· Web application to recognize if a user's face from a separate image is contained in a relational database using Dlib C++ machine learning libraries.

AutoLingo (React/JavaScript, HTML/CSS, MongoDB) [PennApps]   September 2018

· Chrome extension to replace your new tab with new French/Spanish translations to help you learn languages, also gives the users questions about previous translations to grow their score.

Culture Slack Bot (Python, DynamoDB) [RUHacks]   May 2018

· Developed a chat bot for Slack application using Python to provide translations in chat rooms for diverse workplaces with user input stored in a database.

ACTIVITIES & LEADERSHIP

Computer Science Course Union, 3rd Year Representative: Attends board meetings to discuss and propose improvements to Computer science courses.

Ryerson University, Orientation Week Leader: Lead incoming students to various activities.

Linux User Group, Unix Teacher: Taught command line basics to students.

Ryerson ESports, LoL Member: Collegiate League of Legends player.