Sufien Tout

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Goal

- A curious learner and excellent team player searching for a challenging position as a **Software Developer/Engineer** to utilize my year of experience working at a start-up and working knowledge of software development
- I seek a company that will help me contribute to its development while concurrently aiding my personal growth

Education

York University   Degree to be conferred: *October 2021*

- Graduated Bachelor of Arts in Information Technology – Cumulative GPA **3.73**   Toronto, Ontario

University of Waterloo   *2016 – 2018*

- Computer Science – Completed **23** Course Credits   Waterloo, Ontario

Notable Courses Object-Oriented Software Development • Foundations of Sequential Programs • User Interfaces
Data Structures and Data Management • Logic and Computation • Introduction to Database Management

Experience

Encircle (Software Developer)   *August 2017 – December 2017*

Technologies: *React, TypeScript, Python, Tornado, Java, Postgres, Alembic*   Kitchener, Ontario

- Decreased time searching/filling out forms **40%** by creating a keyboard typeahead within the Android app
- Provided users with a consistent feel by re-designing the android media content selector to resemble the iOS counterpart
- Developed a pub/sub change tracking system for users on all platforms that displays changes made to Insurance Claims/Inspections since the previous session
- Affected more than **15000** files with the accumulation of all commits

Encircle (Software Developer)   *January 2017 – April 2017*

Technologies: *React, CoffeeScript, Java, Python*   Kitchener, Ontario

- Enabled users to share report/document access with contractors and third parties by implementing a sharing micro-service
- Introduced infinite scrolling and corrected rescaling for room blueprint sketches on Web and Android platforms
- Improved dev team productivity by **17%** through building a Slack and Phabricator ChatOps bot to automate task priorities

Honda of Canada Mfg. (Assembly Line Associate)   *April 2016 – August 2016*

Tools: *Air Rachet, Electric Impact Wrench*   Alliston, Ontario

- A member of the Door Line team in the Assembly Frame Department manufacturing 2/4 door Honda Civics
- Worked rotating shifts in a physical and fast-paced environment
- Demonstrated accuracy in the assembly of door components
- Trained a new employee in the installation of the passenger-side exterior door handle

Skills

Languages Python • C & C++ • HTML/CSS • Java • JavaScript • MATLAB • Bash/Fish
Frameworks React • Android • Flask • Tornado
Tools Docker • AWS • SQL • Git • Phabricator

Projects

Internship Data **Personal Project** | *Web App, Python, Selenium, Docker, AWS, Flask, Postgres*

- Scraped internship data of **3000+** students from LinkedIn using Selenium and BeautifulSoup4
- Utilized AWS SQS to allow multiple instances of the web scraper to run concurrently

Speak-Food (Spood) >> Nuance API Winner at Hackatown 2017 | *Web App, Node, React, AWS, Socket IO*

- Integrated Nuance NLP API to create an application for buying products with speech
- Web app updates the product inventory accordingly in real-time

Hades (2D Platformer Demo) **Personal Project** | *C++, SFML 2.4*

- Designed an immediate-mode GUI menu system with keyboard and gamepad support
- Created a finite state machine for the different states of the game