SOK HENG LIM

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SUMMARY OF SKILLS AND QUALIFICATIONS

Operating Systems | Mac • Linux • Window
Application| GitHub • Bash shell • Virtual Box •Pycharm •Eclipse • Sublime • Visual Studio Code• LabView • Android Studio • Jira
Programming| Python • Java • JavaScript • CSS • HTML • Bash Script • PHP • C • VHDL • MATLAB
Languages | **English**|Spoken & Written • **French**|Spoken & Written • **Khmer**|Spoken & Written

EDUCATION

Bachelor of Engineering
Major—Electrical Engineering   **Sept 2013—Jan 2018**
Minor—Software Engineering   **Sept 2015—Jan 2018**
McGill University, Montreal, QC

WORK EXPERIENCE

Software Developer Intern R&D (4 months)   **May 2017—Aug 2016**
Nuance Communications, Montreal, QC
  • Building alarm security system using voice biometric
  • Rewrite Spotify music application into standalone application
  • Implementing notification system on web application for home automation
Technology used: Python, Bash Script, Git, CSS, HTML, JavaScript Nuance Mix SDK, Spotify Api.

Software Developer Intern R&D (8 months)   **Jan 2016—Aug 2016**
Nuance Communications, Montreal, QC
  • Add new feature development and maintenance for a Python app
  • Implementing an HTTP client and server in Python
  • Implementing internal troubleshooting and testing tools to verify settings from a web configuration interface
  • Creating a packaging and distribution system for the app and serving as the release manager
Technology used: Python, HTML, HTTP client-server, JavaScript, Flask, CSS, Raspberry Pi, Bash Script, Git, GitLab, Pycharm IDE, Agile Methodology, Oracle VM Virtual Box and Nuance's Mix,

PROJECTS

Movie Explore (Academic Project)   **Jan 2017—Ongoing**
• Built a web application to suggest movies or series to users based on the previous ratings made by users.
Technology used: Python, JavaScript, Django, Html, CSS, Bootstrap, Bash Shell, Jenkin and Git.

Yoogle (McHacks IV Project)   **Jan 2017**
• *Team leader*—Built a web application which takes a YouTube URL with any keyword and returns all the time the keyword occurred in the video.
Technology used: Python, Html, CSS, Flask, Bootstrap, PyCharm IDE, Bash, Selenium, YouTube transcript and GitHub.

GiftyMe (ConUHacks II Project)   **Jan 2017**
• *Team leader*—Built an E-commerce website for selling different holiday packages.
Technology used: Python, Html, CSS, Yaas API, Flask, Bootstrap, PyCharm IDE, Sublime, and GitHub

Food Truck Management System application (Academic Project)   **Sept 2016—Dec 2016**
• *Team leader*—Implement an application for Food truck system that able to run on desktop, mobile and web browser.
Technology used: Java, PHP, MySQL, Html, CSS, JavaScript, Bootstrap, JUnit, PUnit, Android Studio, Apache, Eclipse, XAMPP, Sublime, and GitHub

D-Sign (WearHacks Project)   **Oct 2015**
• *Member*—worked with Leap Motion to develop a Wearable device to translate signs (ASL) to speech.
Technology used: Python, Nuance's Text-to-Speech RESTful APIs, Leap Motion, Thalmic Myo Armband and 3D printer

Personal Website (Personal Project)   **Sept 2015—Ongoing**
• Made my own website with my profile, social networking links and personal projects.
Technology used: Html, CSS, JavaScript, Bootstrap, Sublime, Raspberry Pi, Apache and GitHub