

Sok Heng Lim

4TH YEAR ELECTRICAL ENGINEERING STUDENT

McGill University - Montreal, Quebec, Canada

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Education

Bachelor of Engineering-Electrical Engineering

September 2013-May 2018(Expected)

McGILL UNIVERSITY

Montreal, Canada

- **Relevant courses:** Introduction to Computer Science, Introduction to Software System, Design Project, Embedded System, Probability and Random Signal, Software Engineering Practice, Operating Systems and Programming Languages and Paradigm.

Work Experience

Software Engineering Intern

May 2017 - August 2017

NUANCE COMMUNICATIONS

Montreal, Quebec, Canada

- Developed an alarm security system using voice biometric
- Set up Django to allow users to authenticate with Microsoft Active Directory
- Rewrote Spotify music application into standalone application
- Implemented notification system on web application for home automation

Technology used: Python, Bash, Javascript, Flask, Linux, Git, Raspberry Pi, Nuance MixSDK, Spotify API, Gitlab

Software Engineering Intern

January 2016 - August 2016

NUANCE COMMUNICATIONS

Montreal, Quebec, Canada

- Developed garage door feature to Nuance IOT application
- Created a packaging and distribution system for the app and serving as the release manager
- Implemented an HTTP client and server in Python

Technology used: Python, HTTP client-server, Bash, Agile, Javascript, Flask, Linux, Git, Raspberry Pi, Nuance MixSDK, Oracle VM Virtual Box and Gitlab

Projects

Smart Light

Montreal, Canada

(PERSONAL)

August 2017 - Present

- Design and develop an application using voice to control light

Technology used: Python, SmartThings Api, SmartThings Hubs, Sengled Element Classic LED Bulbs, Raspberry Pi, Git, Github

Movie Explorer

Montreal, Canada

(ACADEMIC)

January 2017 - April 2017

- Setup the server to host the website
- Setup database on Django framework
- Designed and developed the back-end Login system for application
- Design and develop front-end for playing trailer

Technology used: Python, Bash, html, CSS, Django, Javascript, Git, GitHub

Yoogle

Montreal, Canada

McHACKS IV 2017 (HACKATHON)

February 2017

- Designed and developed a web application which can search any keyword occurred in a YouTube video

Technology used: Python, Flask, Selenium, YouTube, JavaScript, HTML, CSS, Git, GitHub

GifyMe

Montreal, Canada

CONUHACKS II 2017 (HACKATHON)

February 2017

- Designed and developed a E-commerce website for selling different holiday packages

Technology used: Python, SAP Api, JavaScript, HTML, CSS, Git, GitHub

Profile Website

Montreal, Canada

(PERSONAL)

November 2016 - Present

- Built my own website with my profile, social networking links and personal projects
- Hosted my website through my Github

Technology used: HTML, CSS, JavaScript, Bootstrap, JQuery, Git, GitHub

D-Sign

Montreal, Canada

WEARHACKS MONTREAL 2015 (HACKATHON)

October 2015

- Built a sign to speech wearable to translate American Sign Language into speech

Technology used: Python, Leap Motion, Myo, Nuance's Text-to-Speech, Git, GitHub

Extracurricular Activity

Web Developer

HACKMCGILL

- Improve our McHacks and HackMcGill Web application
- Rewrote McHacks registration system
- Implemented McHacks login system

Montreal, Quebec, Canada

April 2017 - Present

Athlete

MCGILL BADMINTON VARSITY TEAM

- Practiced 8 hours per week to improve badminton skill
- Competed against other Canadian university level teams

Montreal, Canada

September 2013 - April 2015

Honors & Awards

2017 **Top 10 Projects**, McHacks IV 2017

Montreal, Canada

2017 **Runner-up Projects for SAP API Price**, ConUHacks II 2017

Montreal, Canada

2015 **Winner**, WearHacks Montreal 2015

Montreal, Canada

2015 **Community Prize Winner**, WearHacks Montreal 2015

Montreal, Canada