

# Keith Wei Luen, Lim

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One College Avenue Unit 5302, Mechanicsburg, PA 17055

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## **EDUCATION**

Bachelor of Science in **Computer Engineering** (CGPA: 3.51)  
Messiah College, Mechanicsburg, PA

Expected in May 2018

## **TECHNICAL EXPERIENCE**

**Solution Summer Scholar**, Deloitte Consulting LLP – Mechanicsburg, PA 2017

- Design and implement a ChatBot that uses a search engine to retrieve relevant information
- Implement ElasticSearch to allow ChatBot to retrieve relevant data from database
- Implement API.AI to allow ChatBot to make casual conversation and understand context of questions
- Program a pop-up web chat app using React and .NET's SignalR, then implement the ChatBot into the web chat.

**Leader**, Programming Team – Messiah College 2016 – Present

- Prepare and introduce members to the area of competitive programming
- Teach and explain to members the application of Data Structures and Algorithm
- Strategized and competed in the ACM-ICPC 2016

**Project Manager**, Muscle Activated Prosthesis Project – Messiah College 2016 – Present

- Program Arduino to read signals from muscles with a Myoware Muscle Sensor
- Wrote C++ code that allows the prosthetic arm to perform different hand grips
- Integrate multiple hardware into the system to allow the prosthetic arm to carry out its function, example: A/D Converter, Force Touch Resistor and etc.

**Personal Project**, MessiahGo 2017 – Present

- Develop a mobile app to bring Messiah College's community closer to each other.
- Program the app with React Native and Redux
- Design a chat application with the implementation of a XMPP server (ejabberd)

**iOS Team Leader**, Faith Connect Project – Messiah College 2015 – 2016

- Delegated tasks and research projects to team members
- Pioneered, researched, and designed a mobile application using Swift

## **ADDITIONAL EXPERIENCES**

**Administrator**, Skynet Courier Services - Malaysia 2013 – 2014

- Reduced customer complaints by 70% by resolving complications between sender and receiver
- Managed packaging team and cut down packaging time by 20%
- Increased overall productivity of the administrative team by revamping the office system

## **SKILLS**

**Programming Languages** | Java – ES6 – C#

**Frameworks** | React Native – Redux – React – ElasticSearch – .NET – API.AI

**Operating Systems** | Mac OS – Microsoft Windows

**Creative Art** | Cinematography – Photography

**Languages** | English – Mandarin – Malay – French (Basic Level)

## **AWARDS & CERTIFICATIONS**

Outstanding Leo President, District 308B2

Certified SOLIDWORKS Associate (CSWA)