

Saw Luke Loo Wah

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Education

University of Florida – Gainesville, FL

B.S Computer Science; Minor: Mass Communication

GPA: 3.60/4.00

May 2021

Software Engineering Experience

UF Software Engineering Club – *Developer*

September 2019 - Present

- Currently in a team of developers responsible for the development of Clubfinity App which is a streamlined platform for students to promote and manage their club-related events on campus.

Nexlabs – *Software Engineer Intern*

May 2019 – August 2019

BudgetingTool – Web Application, PHP Laravel, Vue.js and MySQL

- Developed *Backend* using PHP Laravel Framework with MySQL Database with an implementation of user authentication feature using JWT as well as a two-layer validation for more accurate data-entry.
- Created *REST APIs* for efficient data query in accordance with front-end developer's needs.
- Authored API documentation for API calls and for improved scalability and maintainability.
- Debugged and worked closely with system admin for successfully app deployment onto AWS server.
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Ingredient2Recipe Chatbot – Messenger AI Chatbot with Google Cloud Vision API

- Implemented *Backend* with *REST APIs* for information from data set of containing more than 3000 recipes.
- Integrated Google Cloud Vision APIs with Laravel framework for image label recognition capabilities.
- Carried out unit and feature testing to ensure full functionality of the software using PHPUnit.
- Deployed back-end APIs through Heroku.

Association of Computer Engineers – *Google CS Ignite Volunteer*

April 2019 – May 2018

- Collaborated with other volunteers to teach C++ for middle schoolers at Oaks View Middle School which was sponsored by Google.
- Provided fundamental coding lessons and exercises for middle school students.
- Guided the students to build a programmable VEX IQ Remote controlled cars with sensor capabilities.

Additional Work Experience

Thabyay Education Foundation – *IT Department Assistant*

August 2014 – August 2015

- Performed administrative and IT related tasks such as data-entry, computer software installation and logistics arrangement for events.

Young Men Christian Association – *Translator*

- Worked as an English Translator for exchange students from Denmark and South Korea.

Skills and Technologies

C++, Java, PHP, Agile, Laravel Framework, MySQL, Gitlab, Github, Assembly, Matlab, Node, MongoDB, Express

Awards

Dean's List (3 semesters), University of Florida Full Scholarship Recipient, Davis United World College Scholar

Languages

English – Fluent , Burmese & Karen – Native, Spanish - Beginner