**Ley Yen Choo**

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**OBJECTIVE**

To obtain a Software Engineering internship during Summer/Spring where I can utilize my Java programming skills.

**EDUCATION**

Purdue University, College of Science, Junior Expected Fall 2018

Bachelor of Science, Major: *Computer Science* GPA of 3.14/4.0

**RELATED COURSEWORK:** Computer architecture, Data structures and algorithms

**TECHNICAL SKILLS:** Java, R, C, Github, CSS, HTML, Arm assembly

**DESIGN PROJECTS**

**UR Global App,** Purdue University December 2016

* Learn how to collaborate with University Residences initiative to develop an Android app to further improve their means of communication between their members
* Cooperate with other team members by utilizing Github and Android Studio
* Aim to ease users to register for events and keep track of the events that they registered
* Design user interface and update information from time to time according to our partner

**RGB Color Blender**, Purdue University Feb 2017

* Learn the functions of the GPIO pins on the Raspberry Pi 3
* Connect the Raspberry Pi 3 to a breadboard with a RGB LED
* Install five switches that control the RGB colors and the brightness of the LED
* Use Arm Assembly and C code in Raspberry Pi 3 to control the LED and make use of PWM library

**Tic-Tac-Toe Android application**, Purdue University May 2016

* Utilize Android Studio to code for Tic-Tac-Toe and create the Android Application
* Setting up template, buttons and toasts for users to interact with using XML language
* Apply Model-View-Controller (MVC) architectural pattern to the Android application
* Alter the appearance of the application and generate audio files on a Moto G cell phone

**WORK EXPERIENCE**

**Dining & Catering**, Student Cook, Purdue University August 2016

* Develop effective communication skills among a team of five to eight members to prepare food
* Maintain productivity and efficiency in a team while serving good quality food
* Demonstrate excellent workmanship through attention to details and understanding of key procedures

**VOLUNTEER EXPERIENCE**

* **Taste of Tippecanoe**, ticket booth counter, Lafayette, Indiana June 2016

Manage ticket booth counter with another team member, provide tickets to customers

* **Independence Day Celebration**, Lafayette, Indiana July 2016

Control situation, pay attention to the surroundings at the festival and provide assistance to visitors

**LEADERSHIP AND EXTRACURRICULAR ACTIVITIES**

* **“CodeBusters” Online Hackathon**, Purdue University Jun 2016

Discover AI coding the fun way and benefit from an advanced online development environment

* **Purdue Boiler Breakers**, Purdue University January 2016 – Present

Learn and communicate among each other and perform break dancing

* **UR Global**, Peer Educator, Purdue University September 2016

Guide new international students around campus and connect them with other students