Jim Palomo

COMPUTER ENGINEERING MAJOR · UNIVERSITY OF ILLINOIS AT CHICAGO

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Education

University of Illinois at Chicago (UIC) *Chicago IL*
BACHELOR OF SCIENCE IN COMPUTER ENGINEERING *May 2022*
- Cumulative GPA: 4.0
- Filipinos In Alliance: Volunteered for Allstate Hot Chocolate Run Fall 2018

Experience

Research Internship for Electrical & Computer Engineering *Chicago, IL*
INTERN, CO-OP AIDE *Jun. 2019 - Aug. 2019*
- Developed on an open-source simulation platform for computer system architecture called gem5
- Established connections among different CPU chip-sets such as ARM & x86 with memory controllers, caches, and interconnects
- Communicated with an engineering professor and a Ph.D. student
- Gained knowledge on Object-Oriented Programming for Python and C++

Skills

Programming	C/C++ · Python · JavaScript · Swift
Operating Systems	Windows · Ubuntu/Linux · Crouton
Software/Tools	Git · Shell Script · SSH

Projects

Amazon Autonomous Bot *Self*
PYTHON *Jul. 2019*
- Programmed a web scraping bot that gathers product information on Amazon including the price
- Updated spreadsheet with data from initial scrape which then sends an email notification automatically

Raspberry Pi Smart Monitor *Self*
LINUX · JSON · PYTHON *May 2019*
- Developed a raspberry pi smart monitor through Raspbian OS using open-source code via GitHub
- Implemented my Google calendar, cryptocurrency stock tracker, weather API, date & time, etc

Le Tour De France Racer Data Analysis - UIC *Class*
C PROGRAMMING *Apr. 2019 - May 2019*
- Designed a program that analyzes GPS data (longitude, latitude, elevation) of several racers
- Displayed total, faulty, linked-list data points, total time, max elevation, elevation gained, distance biked, and formatted time

Topographic Map - UIC *Class*
C PROGRAMMING *Apr. 2019*
- Generated a specified elevation map that determines if a user is on top of a hill based on their coordinates
- Developed the ability to determine the best route to go up or downhill

Seating Chart Generator - UIC *Class*
C PROGRAMMING *Feb. 2019*
- Constructed a seating chart generator which allows the user to define a set amount of rows and columns
- Provided the number of seats taken is counted for and represented specifically with an "X"

Self-Built Computer *Self*
HARDWARE *Feb. 2017*
- Assembled a computer from scratch through hands-on experience
- Researched about the architecture of computers and troubleshoot issues that occurred