JIM PALOMO

1061 Dana Court, Antioch IL 60002 (847) 345-2180

jimppalomo@gmail.com http://www.linkedin.com/in/jim-palomo https://jimpalomo.github.io/

EDUCATION

University of Illinois at Chicago (UIC)   *Expected: May 2022*
Bachelor of Science in Computer Engineering
GPA: 4.0

Antioch Community High School, Antioch IL   *Graduated: May 2018*
GPA Weighted: 4.3
GPA Unweighted: 3.8

TECHNICAL STRENGTHS

Programming languages	JavaScript, Swift, C/C++ , Python
Software & Tools	GitHub, Microsoft Applications, Google Applications

PROJECTS

Raspberry Pi Smart Mirror
Developed a raspberry pi smart mirror through Raspbian OS using open source code via Github.

Le Tour de France Data Analysis/Visualization
This program analyzes data gathered from a specific stage of the race and displays the total GPS data points, faulty GPS data poins, linked list gps data points, total time, max elevation, elevation gained, distance biked, and a formatted time.

Topographic Map
A specifically generated map based on elevation is produced and the user is asked to input (x,y) coordinates. The program then determines if the user is on top of the hill. Moreover, the program also has the capability to find the shortest way to go uphill or downhill.

Exoplanet Hability
Data from the National Academy of Engineering is used to determine whether an exoplanet is habitable or inhabitable. The program displays this information as well as histograms.

Seating Chart
Generate an empty seating chart based on user's preference. Displays the seating chart based on specified patterns.

Mainstay Clinical Computers, Mundelein IL
Assisted Mainstay by setting up and replacing operating systems on multiple desktop computers for a medical clinic. Participated in promoting the medical clinic through advertisements and aided in cleaning.

Self-Built Computer
Researched the functionality of each major component of a computer. Troubleshooted problems that occurred through examination and research. Hands-on experience to put together a computer.

VOLUNTEER ACTIVITIES

Allstate Hot Chocolate 15k/5k Nov 2018

Managed an area of the race and lead runners to the starting line. Operated a section to supply hot chocolate bowls to runners.

ACADEMIC ACHIEVEMENTS

AP Scholar with Honors: awarded to individuals who achieved a 3 or higher on at least four AP Exams.

Outstanding Senior for the Math Department: each department selects a student to represent the department for the awarded year.

EXTRA-CURRICULAR

Filipinos In Alliance Member Since: Aug 2018

Social organization to meet new individuals and to establish long term relationships.

Mu Alpha Theta Honor Society Member Since: May 2017

Mathematics honors society recognizing interest in mathematics.