Norman Mach

ntmach@cpp.edu
(626) 383-9991

To view my projects
please visit ntmach.github.io

linkedin.com/in/ntmach

Education

California State Polytechnic University, Pomona   **Graduating May 2020**

B.S. Computer Information Systems, Applications Development

Independent Projects

Cyber Security & Awareness Fair 2018   **September 2018 – October 2018**

Cal Poly Pomona's Annual Event

- Deployed a website application that displays information of a Facebook user (mock accounts) by using Facebook's JavaScript SDK to call Facebook's Graph API, and HTML5/CSS to design the website.
- Volunteered as a MISSA club representative to educate attendees of how user information is vulnerable when they give access permissions to social media and apps.
- Demoed the project by instructing attendees on how to use the website application.

2D Endless Run Game for Mobile   **July 2018 - August 2018**

Personal Project

- Built an 2D endless run game by using Unity Game Engine and C#.
- Recruited 10 beta testers to discover major bugs and functionality errors to help improve the game.
- Developed an object generator to infinitely spawn platforms ahead of the player.
- Integrated an object destroyer to remove platforms behind the player to reduce memory usage.

Competitions

3rd Place in Information Technology Competition   **March 2018 - April 2018**

Competition / MISSA's Information Technology Competition

- Consulted with team of 6 to devise business strategies to increase a mock company's sales revenue.
- Worked closely with the team data miner to transform the company's raw data into processed data.
- Analyzed processed data to find patterns that the company may take advantage of.
- Presented devised strategies to the board members of the company.

3D Ocean Simulation   **March 2018**

Hackathon / Hacktech 2018

- Contributed to building an immersive ocean environment simulator using Unity Game Engine with a team of 3.
- Implemented the main menu user interface to navigate into the game.
- Designed 3D models of shark and fish using Blender 3D Modeler.

Club Affiliations

MISSA (Management Information Systems Student Association)   **September 2018 - Current**

Member / Volunteer

- Regularly attend club events and volunteer for club projects.

Work Experience

Chipotle, Montclair, CA   **August 2017 - February 2018**

Crew Member

- Collaborated with a team of 7 per shift to create a clean and inviting environment for guests.
- Established a positive work culture by motivating and encouraging peers, and improved team efficiency by teaching new team members techniques to speed up processes.

Technical Skills

- Novice in HTML5, CSS3, JavaScript, C#.