
Kim-Wilson Ngo

📞 (714) 488 – 1996 • ✉ kimwilsonngo@gmail.com • [in linkedin.com/in/kimwilsonngo/](https://www.linkedin.com/in/kimwilsonngo/)
🏠 Orange County, CA • 🌐 <https://github.com/kimwilsonngo>

EDUCATION

California State University of Long Beach, Long Beach, CA
Major: Computer Science | Senior Standing | GPA: 3.44

Expected graduation date: May 2019

PROFESSIONAL EXPERIENCE

Space and Naval Warfare Systems Center, San Diego, CA

Research and Development Intern, June 2018 – Present

- Conducted R&D of test engineering solutions for U.S. Navy's Global Command and Control System – Maritime.
- Developed regression and functional test scripts in Python and JavaScript, cutting down average test time by 57%.
- Reduced software installation time on naval vessels, from a 17 days to an estimated 5 days on-board ship.
- Obtained DoD Interim SECRET Security Clearance

Softketeers Inc., Fountain Valley, CA

Software Development Intern, June 2015 – June 2017

- Contributed code alongside senior engineers on a cloud-based 3PL software that manages shipping logistics
- Ran unit tests to verify Amazon's specific Electronic Data Interchange (EDI) codes to be used in our software.
- Managed large quantities of EDI data from big box retailers to import into Microsoft SQL Server.
- Underwent training in C#, JavaScript, and other tools to execute tasks that expedited the progress of fellow engineers.

SKILLS

Programming: Java, Python, C#, C++, SQL, JavaScript, Verilog

Tools: Microsoft Visual Studios, Eclipse, Unity, Arduino IDE, Microsoft SQL Server

Frameworks / APIs: GoogleCloud Platform, Microsoft .NET, OpenCV

PROJECTS

Beach Hacks

Participant, April 2018

- Attended Hackathon at California State University, Long Beach to create a machine learning facial recognition application using Python and APIs.
- Utilized OpenCV API to track and recognize faces, storing metadata for each individual face stored and Telesign API to send a text to the individual when they are detected.
- Implemented Servo motor and custom algorithm to adjust camera when subjects are out of frame.

LEADERSHIP EXPERIENCE

Theta Tau Professional Engineering Fraternity, Long Beach, CA

Founder & President, July 2017 - Present

- Successfully founded the first and only engineering fraternity on campus and first Theta Tau in the CSU system.
- Oversee executive board and seven committees to ensure engineering and professional success among its members.
- Aided one-third of fraternity in receiving first-time technical engineering internships

INTERESTS AND HOBBIES

Technology, video games, electronics, media production/graphic design, music production, and I'm a Dungeon Master