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# Kim-Wilson Ngo

☎ (714) 488-1996 • ✉ kimwilsonngo@gmail.com • 🌐 kimwilsonngo.github.io  
🏠 9121 Obsidian Dr., Westminster CA 92683 • 🔗 linkedin.com/in/kimwilsonngo

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## EDUCATION

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

*Expected graduation date: May 2019*

## PROFESSIONAL EXPERIENCE

Softketeers Inc., Fountain Valley, CA

*Software Development Intern, June 2015 - June 2017*

- Maintained quality assurance of a 3PL software that manages logistics between retailers in a cloud-based platform
- Bug tested and implemented features in client-side of software to ensure a user-friendly interface
- 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 peers

## SKILLS

**Programming:** Java, C++, SQL, HTML, CSS, JavaScript, C#

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

**Other Tools:** Adobe Photoshop, Sony Vegas Pro, Wordpress, FL Studios

## PROJECTS

**TEDxCSULB Social Space:**

- Led Theta Tau as Project Leader to build a 500 square ft. interactive booth for the guests of TEDxCSULB
- Designed and constructed a pneumatic projectile launcher, powered by an air compressor
- Implemented Arduino microcontrollers in order to control multiple aspects of the booth, such as lights and sensors
- Utilized 40 feet of LED Strips, activated when a target is struck, to create a visually pleasing sight and experience
- Currently being documented and formatted to be published for the open-source community

**Beach Hacks:**

- Attended Hackathon at California State University, Long Beach to implement additional features on Theta Tau's launcher
- Implemented Arduino microcontroller in order to control launcher entirely electronically and remotely
- Designed a pan-tilt mechanism and code using Servo motors to allow precise aiming control over launcher
- Hacked solenoid valve and built a corresponding circuit in order to control launching via external controller

## LEADERSHIP EXPERIENCE

Theta Tau Engineering Fraternity, Long Beach, CA

*Founder & President, January 2016 - Present*

- Successfully founded and established the first and only engineering fraternity on campus and first Theta Tau in the CSU system
- Created foundation and culture that emphasizes on profession in the engineering industry, as well as social values
- Utilized years of experience to recruit and create an environment that promotes growth for students in the engineering field
- Led group in a collective engineering effort to build an elaborate and aesthetically pleasing social space for TEDxCSULB
- Deployed physical and social media growth-hacking marketing tactics to attain over 70 applicants rushing for Alpha Class

## INTERESTS & HOBBIES

Technology, coding, service, rockets, music, media production, stage performance, martial arts, and I'm a Dungeon Master