

Khaled (Kyle) Wong

Email: kyle.wong975@gmail.com • **Cell:** (714) 681-6055 • **Website:** http://kylewong.me

EDUCATION

University of California, Los Angeles (UCLA)

Sept. 2016 to Present

- B.S. in Computer Science; expected graduation date: June, 2020

Troy High School, Fullerton, CA

Aug. 2012 to May 2016

- *Troy Tech Magnet Program:* AP Computer Science A, Computer Science IB HL2
- National Honor Society Member, Fullerton Rotary Top 100 Student (out of ~2700 students)
- GPA: 4.80 weighted, 4.00 unweighted

SKILLS

- Programming Languages: Java, C++, C#, and Python
- Web Development: HTML, CSS, and JavaScript
- Software: BlueJ, Eclipse, Visual Studio, Unity, Android Studio, Paint.NET, Blender, Git, and Bash
- Languages: English (native), Cantonese (native), and Spanish (proficient, recipient of the Seal of Biliteracy)

EXPERIENCE

RoMeLa Robotics Lab, UCLA | Los Angeles, CA | Undergraduate Research Assistant

Jun. 2016 to Present

- Program and implement virtual reality in the Oculus Rift to synchronize Darwin's (robot) vision and head rotation using C#, C++, and network protocols.

Dana-Farber Cancer Institute | Boston, MA | Summer Intern

Jun. 2015 to Aug. 2015

- Published a research article *The Role of Precision Medicine in Pancreatic Cancer: Challenges for Targeted Therapy* to Cancer Translational Medicine
- Conducted laboratory experiments in DNA extraction in pancreatic tumor cells

PROJECTS

Server Showdown

Dec. 2015 to Apr. 2016

- Oversaw and implemented 10 levels, quests, customization, and information about networks and cybersecurity practices in a 250-hour collaborative game development project

A Breach in the System

Jan. 2015 to Jul. 2015

- Developed a science fiction game project that educates the player about different types of computer viruses

VOLUNTEER

API: World (DevNetwork) Conference Volunteer

Sept. 2016

- Collaborated with several volunteers in registration and event set-up for a 4000-member conference

San Diego Mission Trip

July 2012

- Mulched and paved trails at the San Diego Valley Mission Reserve
- Cared for the elderly at Pacific Pointe Retirement Center by conversing with them and teaching them how to use video chat to keep in touch with their family members

ACTIVITIES

Association for Computing Machinery (ACM) | Member

Sept. 2016 – Present

- Participate in ICPC (programming competition) training, Hack Nights, and virtual reality sessions to learn advanced algorithms and software engineering topics

Peer Tutoring Club | Secretary and Tutor

Sept. 2014 to May 2016

- Organized and matched over 200 tutors for one-on-one tutoring with students
- Tutored Algebra 2, Chemistry, and AP Physics, improving students' grades by two letter grades in a semester

Team HBV | Tech/Media Director

Sept. 2014 – May 2016

- Managed the school club's website and brainstormed potential mediums to spread awareness of Hepatitis B

FIRST Robotics (Team 3952 – desTROyErs) | Programming Team Member

Oct. 2013 to Apr. 2016

- Programmed and developed all aspects of the robot including data processing, interface, and communication

AWARDS

- 1st Place: Progfest at the California State University, Los Angeles (programming contest) Feb. 2016
- 7th Place Nationals: FBLA Computer Game & Simulation Programming Jul. 2015
- 1st Place State & Regionals: Air Force Association's CyberPatriot VII (Open Division) Mar. 2015
 - Team Osmium: Gold Tier; cybersecurity competition focusing on Linux, Windows OS, and Cisco