

Kaiser Kim

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Education:

University of California, San Diego

Bachelor of Science, Computer Engineering

San Diego, CA

Expected: June 2018

Projects:

- **VentuRe** Jan 2016 - Present
 - Currently working on a virtual reality application that allows people to share their travel experience
- **VR Maze Game** Dec 2015
 - Developed a virtual reality maze game using the Google Cardboard SDK and Unity
 - Learned how to use the Unity and Google Cardboard APIs in a span of 2 weeks
- **Chrono Trigger Remake** May 2015
 - Created a remake of the first level of the popular game *Chrono Trigger* in Python using Pygame
 - Gained experience in creating and applying sprites and the animations for the game
- **Snake HD** Feb 2015
 - Designed the game *Snake* in 200 lines in Python using the Pygame module
 - Acquired knowledge of the Pygame API to make the game more interactive to the player
- **Drawbot** Jan 2015
 - Collaborated in a team of 13 members to build an Arduino robot that can draw through Bluetooth connection
 - Soldered and attached wires to the breadboard to connect the Arduino and the Servo motors
 - Constructed the design of the robot and attached the wheels to the Servo motor
 - Studied the C language by assisting other members in developing the code for the pen movement

Skills/Qualifications:

- Programming: **Java, Javascript, Python, C, C++, C#, and MATLAB**
- Technologies: **Android Studios, Git, Unix, Unity, Pygame, ARM Assembly, Bash/Command Line Scripting, and Vim**
- Concepts: **Data Structures, Discrete Mathematics, and Object Oriented Programming**
- Hardware experience: **Soldering, Circuit Design, and Computer building**
- Languages: English, Korean

Work Experience:

- **Mathnasium, Tutor** Sept 2010 - June 2013
 - Tutored pre-algebra, algebra, and geometry to over 20 students from middle and high school
 - Taught the writing and math sections for the SAT to high school students
- **Juno Graphics, Intern** Sept 2012 - June 2013
 - Assisted in the printing of 100+ calendars on a daily basis
 - Coordinated with the supervisor in order to organize the calendars in a more efficient manner
 - Delegated instructions to new Spanish-speaking co-workers to create a more productive work environment

Extracurricular Activities:

- **Computer Building** July 2015
 - Built a computer from scratch by researching and buying the different components of a computer
 - Researched and experimented the optimal clock speed for processors with different cooling temperatures
- **Theta Tau** Oct 2014 - Feb 2016
 - A professional engineering fraternity that upholds professionalism, philanthropy, and brotherhood
 - Activist in the Professionalism Committee, holding weekly workshops to build technical and public skills