**HOWON KIM**

**UC Berkeley, Data and Computer Science Undergraduate**

Software Engineer, Specialized in Unity 3D Development

howonkim@berkeley.edu

EDUCATION

University of California, Berkeley

Bachelor of Arts in Intended Computer Science, 2018 – 2020 (Expected)

De Anza College, Cupertino

Pursuing Computer Science, Jun 2017

**DEVELOPMENT**

Unity 3D Game Developer**,** Korea Creative Economy and Innovative Center

Developer (Winter 2017)

* Learn recent technologies in VR (Virtual Reality) and AR (Augmented Reality) using Unity 3D.
* Developed a Virtual Reality game project called Morning Star.

**PROJECTS**

Morning Star, Virtual Reality First Person Shooting Game (September 2017 – December 2017)

* First Person Shooting (FPS) game designed for HTC Vive.
* Using Unity 3D, C#, and multiple AI and extensions.
* <https://github.com/howon-kim/MorningStar-VR>

Signup and statistics program for Language Center at De Anza College(November 2015 – April 2017)

* Development of database for every workshops and tutoring sessions held in Listening and Speaking Center. Developed on Spreadsheet, used Visual Basic and various of functions.

Radio Controlled Self-Driving Car (August 2016 – December2016)

* Using ultrasonic sensor, camera to detect objects and process on raspberry pi.
* Python, Neural Network in OpenCV is used.

De Anza Waze Project (Daze), User Interface Designer (April 2015 – June 2015)

* Mobile based Social Network System for De Anza College students. Worked as user interface designer using Photoshops, HTML, and basic CSS skills.

**TEACHING**

Private Tutor, Korea(January 2018 – April 2018)

* Private tutor to teach UC Berkeley’s CS courses such as CS61A (Structure & Interpretation of Computer Programs) for students in Science High School in Korea and University of Korea Advanced Institute of Science and Technology, KAIST

Group Facilitator at Incheon Global Leaders Forum(January 2018)

* Group facilitator for growing youth to develop their leadership skills and accomplish the two United Nations (UN) projects. I perform the job with professional knowledge of UN SDG (Sustainable Development Goals) as well as great responsibilities in student advising, supervision, and administration.

TA in Data Abstractions and Structures at De Anza College(September 2016 – June 2017)

Calculus Tutor at De Anza College(August 2016 – June 2017)

Presenter at California Community College Tutor Expo 2016(March 2016)

* Our team present Affective filter hypothesis and how it has been applied to the ESL support programs offered at the Listening and Speaking Center (LSC) at De Anza College. We discuss how the LSC peer mentors and workshop facilitators help ESL students maintain their filters as low as possible, gain the confidence they need to enjoy communicating in English, and maximize their language learning experiences.

Computer Science Tutor at De Anza College(October 2015 – December 2015)

**ENTERPRENURSHIP**

LG Display Public Relations Student Consultant(August 2014 – December 2014)

LG Display Public Relations Communication(January 2011 – June 2011)

* We organized media events, planned online advertisements, managed the social network to communicate with customers as a business to business company. In addition, to communicate with the customer, we also publish articles within the LG group’s internal magazine to connect with employees.

SK Telecom Marketing Communications(July 2009 – February 2010)

* Design and planning SK Telecom’s service targeted for teenagers. Organized the teamwork group, designed new cellular plan, and awarded the best marketer in a whole group.

**PARTTIME**

Senior Assistant at Language Center in De Anza College(April 2015 – June 2017)

**EXTRA ACTIVITY**

Co-founder of Artificial Intelligence of Robotics Club (August 2016 – June 2017)

President of Cross-Cultural Partners Club (February 2016 – January 2017)

**AWARDS**

Grow with Google Challenge Scholarship for Front-End Web Developer Track, Udacity (January 2018)

Unity Certified Developer, Unity Technologies (December 2017)

Candidate of Regent’s Scholarship, University of California at Irvine (March 2017)

Honors Program and Phi Theta Kappa Honors Society Member (October 2015)

Excellent Mentor, Republic of Korea Army (August 2013)

* Awards for saving suicide attempted soldier.

Honor of the Ting, SK Telecom (February 2010)

* The best member for contributing the most in teenager marketing plan.

Computer Specialist in Spreadsheet and Database Level-ll, Korean Chamber of Commerce (January 2010)

Word Processor Specialist, Korea Chamber of Commerce (January 2010)