KANG BIN KIM

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EDUCATION

Georgia Institute of Technology Atlanta, GA
Bachelor of Science in Computer Science
- Major in Computer Science
- Expected Graduation: Spring 2018; Cumulative GPA: 3.69 / 4.00
- SAT: Math: 770 Writing: 680 Reading: 620
- Honors: Dean's List

WORK EXPERIENCE

Field-Programmable Gate Array Research Georgia Institute of Technology   August 2016 – December 2016
Undergraduate Assistant
- Analyzing how using multiple lanes per register can optimize GPU performance
- Learning HARP (Heterogeneous Architecture Research Platform) ISA and Assembly programming to test heterogeneous computing systems with Assembly code

CS 2340 (Objects and Design) – Garage Sale Project Georgia Institute of Technology   June 2016 – August 2016
Web Developer in Team #FFFF00
- Created a website where users could concurrently open and close garage sales
- Used MDL (Material Design Lite) components for UI and design
- Used Play Framework (Scala template, HTML, Java) with MVC pattern for web development, and assigned Roles to different types of User Models (Super User, Guest, Clerk, Sales Administrator, etc.)
- Implemented Postgres for database, deployed to Heroku
- Had weekly sprints and scrum meetings based on Agile software development

LEADERSHIP EXPERIENCE

Builderz Crew Seoul, South Korea   October 2014 – August 2015
Lead Rapper in Builderz Crew
- +20 performances in front of an audience of over 100
- Worked with 3rd parties to lease equipment, venue; created performance stages across Seoul and Daejon
- Created a music video during military service with the Republic of Korea Air Force (ROKAF) Publicity Team to appeal ROKAF to South Korea citizens
  - The music video is played every month in ROKAF boot camp (average of 1400 new recruits per month) to boost morale and confidence
- Collaborated with more than 20 different artists and producers and created over 30 songs

Donam-Dong Student Facility Seoul, South Korea   January 2015 – August 2015
Voluntary Work as a Teaching Assistant
- Total of 20 students; taught English and Math 2 hours a week
- Tutored 10 high school students who were financially ineligible to pursue academic interests
- Performed outdoor activities with students twice a week
- Led students to improve academics throughout the year; an increase in 10% of total grade at the end of the semester

Republic of Korea Air Force Cheong-Ju, South Korea   October 2012 – October 2014
Staff Sergeant – Full time F-4 "Phantom" Aircraft Maintenance Crew
- Led team of 6 to provide aircraft maintenance for 17th Fighter Wing
- Led aircrafts into airport aprons, refueled aircrafts, and examined pilot seats for any possible FOD (Foreign Object Damage)
- Served with pilots at the Alert, where aircrafts are always ready to take-off for any type of emergency
- Fueled pneumatic, hydraulic, kerosene oil to aircraft; opened/closed aircraft doors, launched/recovered aircrafts
- Worked as a translator when there were briefings/sessions with U.S. Air Force airman from U.S. Base
- Worked over 60-70 hours per week

ACTIVITIES
- iOS Club – iOS development (Swift)
- GT Web Dev – web development (Node.js)
- Soccer – High school Varsity team, Georgia Tech Korean Soccer Captain
- Rap – Wrote lyrics and created songs since sophomore year in high school

SKILLS
- +8 months Java experience (including Play Framework with HTML, CSS)
- Proficient in GitHub, MySQL, C, Assembly, MATLAB, AutoCAD, Inventor 3D CAD, and Microsoft Suite
- Learning Node.js
- Fluent in English and Korean