

Hyungyun Kim

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EDUCATION

University of California, San Diego, La Jolla, CA

Graduated June 2017

- Bachelor of Science in Computer Science; GPA: 3.8 / 4.0, Cum Laude

PROJECT HIGHLIGHTS

Cruz Roja Project, La Jolla, CA

Front end developer, (March 2017 ~ June 2017)

- Technologies: Leaflet js / Ajax / Google Map API / Django*
- Acquire and apply knowledge of current and emerging IT practices, participating in a project organized by a non-profit group, assembled to improve Tijuana's medical care system
- Spearheaded project designed to dispatch web app for assigning ambulances, and update information effectively and in a time sensitive manner
- This project is an on-going developing project to publish for Cruz Roja Tijuana in 2018

Kim's Market (2017) – Online Market app for both transactions & analytics

- Technologies: PostgreSQL / JSP / Ajax / JavaScript*
- Designed and implemented a relational database, and created a web app utilizing database with efficient queries, while continually improving processes to achieve the best possible cost performance
- Improved 1.1 times faster in speed, and reduced 40% in average cost using indexes

GroupUp (2016) – Dynamic web application to organize study groups for UCSD classes

- Technologies: HTML / CSS / JavaScript / Node.js (Express & Handlebars) / JSON / Bootstrap*
- Within an Agile development team environment, programmed main functions of app, and designed the layout

Additional Projects

- Locality** (2017) – Provided support for a map based web app able to display popular places
- Funko Collection** (2017) – Online collection book for Funko fans
- BusBuzz** (2016) – Android mobile app

WORK EXPERIENCE

Ernst & Young (EY), Seoul, Korea

Advisory, Risk, Cyber Security Intern (June 2016 ~ August 2016)

Participated in technology requirements for the opening of Korean online banking, KBank, ensuring all online banking, KBank, ensuring all online functions were compliant with cyber-information protection laws, and all other regulatory requirements.

- Conducted audits to ensure that KBank was compliant with the cyber-information protection law
- Redesigned flow chart to ensure effective functionality of KBank
- Analyzed code(Java/C) for a client or company on whether programming codes follow secure coding guide

Yangcheon-gu Government Office, Seoul, Korea

Dept. of Recreation Park Management (April 2008 ~ May 2010)

- Held responsibility for organizing sensitive documentation, and created advertising for local events

VOLUNTEERING & AWARDS

Volunteer at Santa Monica Animal Shelter (2013), Santa Monica, California

LG The Blogger (2010 ~ 2011): Reviewed and evaluated LG products as the representative of online consumers selected by LG Electronics

Naver power blogger (2008, Power Blogger selected by Naver, which is the most popular search engine in Korea)

- Rewarded trips to Germany, Canada, and South Africa sponsored by Coca-Cola, Domino's Pizza, and the Canadian Tourism Commission

TECHNICAL SKILLS

Programming languages:

- JavaScript(+ES6)
- Java/C++, C
- HTML5, CSS3
- SQL, Python

Tools/Libraries/Frameworks:

- Photoshop
- Android Studio
- Bootstrap, Sass
- jQuery(+Ajax), JSP
- Node js(+Express)
- Django, Angular 2
- Firebase(NoSQL)

Computer Science Disciplines:

- Advanced Data Structures
- Design & Analysis of Algorithm
- Interactive Design
- HCI Programming
- Engineering Teamwork
- Software development in Agile
- Usability & Information Architecture
- Business Project Management