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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

My Pictory (September 2017 ~ Present) – Personal project for developing a new platform using image blocks

- Technologies: Mongo DB, Express framework, Angular 2, Node.js (MEAN stack)*
- Designing a new generic platform for photographers and bloggers to display different formats of image blocks
- Currently implementing a front-end structure of the platform using Angular 2 framework
- Planning to publish as an open source (Github, Npm), and expand new features for multiple purposes

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 (March 2017 ~ June 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 appropriate 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

Additional Projects

- Locality** (2017) – Provided support for a map based web app able to display popular places
- Group Up** (2016) – Dynamic web app organize study groups for UCSD students
- BusBuzz** (2016) – Android mobile app

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)
- 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 Arch.
- Business Project Management

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 compliance, and analyzed a data for cyber security
- Redesigned flow chart to ensure effective functionality of KBank
- Analyzed code (Java/C) for client and company, ensuring programming codes follow secure guidelines

Yangcheon-gu Government Office, Seoul, Korea

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

- Held responsibility for organizing sensitive documentation, and created advertising strategies 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