Sekyun Oh
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EDUCATION

University of Arizona   **Tucson, Arizona**
Bachelor of Science in Computer Science   Expected graduation December 2019

- **GPA:** 3.52 / 4.0
- **Honors:** International Tuition Award

PROFESSIONAL EXPERIENCE

Tech Savvy Mobile Co., Ltd.   **Seoul, Korea**
Software Engineering Intern   Aug 2016 – Jul 2017

- Web
  - Programmed dynamic web applications using CSS, Bootstrap and jQuery, which the website was significantly static in terms of providing user interactive task
  - Accomplished website's overload by optimizing HTML, Ajax, and Node.js while ensuring the continuation of service
  - Built and maintained a working user database, sign-up system, tracking and assigning daily task system with MySQL, complete with error handling and data validation
- Database
  - Slashed extracting data cost 20% by re-designing database structure and optimizing complicated queries while maintaining SQL back-up dump file in both remote and local repositories
- Mobile
  - Forged a new function to convert voice to text using Objective-C/Swift libraries to be more user interactive app
  - Advanced an app that can be executed under offline by caching data into Realm as it was an issue of consuming customer's data
  - Decreased network workload 30 secs by replacing network framework with GRPC
  - Collaborated UI/UX to allow more user interaction and adjusted constraint and offset to be bounded for every different screen standard, which only provided over iPhone 6s
- Others
  - Achieved an ability to work as a team using GitHub while communicating with teammate in real-time by merging and branching

R.O.K Air Force   **Kunsan, Korea**
Criminal Investigation Company   Feb 2016 – June 2016

- Troubleshooting technical issues while maintaining existing management system of military criminals for staff
- Created clear and accurate work sheets with Microsoft Excel for managing criminal history of the division
- Chaired a program to calculate a statistic of annual crime as extracting data from MS Excel work sheets with Java

LEADERSHIP EXPERIENCE

Republic of Korea Air Force (ROKAF)   **Kunsan, Korea**
Military Police, Squad leader   July 2014 – July 2016

- Served in the Combined Air Base of U.S Air Force and ROKAF
- Directed the Ranger training of 100+ soldiers without any dropout
- Managed a squad of 60 subordinates and guided my squad to a top 15th rank in the Squad leader camp

PERSONAL PROJECTS

Project

- Succeeded an iOS app "You-niversity" on AppStore which leads students searching appropriate universities and mentors
- Acquired the basics of crawling data by Node.js from overall internet including photo as tracking HTML structures
- Attained the knowledge of initializing an EC2 on Amazon Web Services by setting up a Linux-based instance while connecting it to a database using Amazon RDS
- Demonstrated a personal website (http://sekyunoh.info) to introduce myself as a presentation of skilled person
- GitHub: https://github.com/dhtprbs12

ACTIVITES & SKILLS

Programming Language: Java, C, Swift, HTML, CSS, JavaScript, MySQL, AWS, Node.js