Yoonsoo Nam

Los Angeles, CA

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EDUCATION

University of Southern California   Expected May 2023
*Bachelor of Science in Computer Science with Economics Minor - **GPA - 3.93***   *Los Angeles, CA*

COURSEWORK

- Software Development
- Discrete Methods
- Embedded Systems
- Artificial Intelligence
- Web Development
- Algorithms
- Data Structures & OOPS

PROJECTS

MechRec | Apache Tomcat Server, JavaScript, jQuery, Java, HTML, CSS, MySql   **December 2021**
- Built logic of read/insert/join tables in MySql and Java back-end to access data between different data sets
- Used JavaScript and jQuery to build an animated slideshow showing post features and HTML and CSS to design the content of the main and company pages Video Demo

Delivery System | Java   **November 2021**
- Built a multi-threaded networking Java application for delivery drivers
- Server built to create threads for each of the deliveries and communicate with the client (driver) to add orders and receive notification when finished with delivery
- Used Yelp API to verify the existence of the restaurant for the orders and the location of the restaurants

Stock Trade Simulation | Java   **October 2021**
- Developed a multi-threaded Java application that simulates a stock trade and handles concurrency issues
- Read in a CSV file containing trade schedule and a JSON file that contains stock information to perform simulation
- Simulated how a fast a trade would work with a restriction of the number of stockbrokers

Work Experience

Republic of Korea Air Force   **September 2017 – August 2019**
Translator, Flight Armorer, Administrative Clerk at Flight Headquarters   *Busan, Republic of Korea*
- Automated maintenance task and manpower management with an excel based program: awarded squadron commander's award certificate for distinguished service
- Participated in multi-million dollar projects with Lockheed Martin, Airbus, and GE to import MRTT for the first time in ROKAF and conduct repairs and maintenance on existing foreign products
- Supported emergency sea-rescue missions with a four man flight crew, finishing service as the leader of the response team consisting of over twenty flight armorers

Knowre   **June 2016 – August 2016**
Quality Assurance Intern   *Seoul, Republic of Korea*
- Tested and found bugs and errors for its math education application
- Found more than 200 bugs and errors accepted by the engineering team within two months to improve user experience

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, MySql, HTML, CSS
Frameworks/Technologies: Bootstrap, ReactJS, React Native, jQuery, VS Code, Eclipse, Docker, GitHub

EXTRACURRICULAR

USC Korean American Student Association   **January 2021 – Present**
Director of Philanthropy and Fundraising   *Los Angeles, CA*
- Build partnerships with local businesses to help with promotion during COVID-19
- Planned and held fundraisers to help fund the organization's events

Directed Research for Behavior Economics   **September 2020 – November 2020**
Directed by Dr. Giorgio Coricelli   *Los Angeles, CA*
- Analyzed risk behaviors in different age groups
- Incorporated current literature on behaviors for risk and ambiguity to explain discrepancies in mask wearing behaviors

Other Campus Involvements: Phi Beta Kappa, Scope SC, Trojan Barbell Club, USC Surf Club