

Grace Kim

Developing Engineer

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Relevant Coursework

Computer Science

- Algorithms & Theory of Computing
- Discrete Methods in CS
- Software Development
- Data Structures & Object Oriented Design
- Software Engineering

Business

- Organizational Behavior & Leadership
- Marketing Fundamentals
- Foundations of Accounting
- Communication Strategy in Business
- Applied Business Statistics

Skills

Programming

C++, Python, Java, SQL

Web Design

HTML, CSS, WordPress

Computer

MS Office, Google Drive

Graphic/Video

Photoshop, iMovie, Audacity

Languages

English

Korean

Fun facts

- Skilled piano, flute, trombone, and cello player
- Fruit fanatic
- Moved 15 times but have perfect attendance

Education

University of Southern California, Los Angeles, CA

Exp Grad May 2023

- Bachelor of Science, Computer Science & Business Administration
- Honor's: Dean's Honor List

Work Experience

Website Quality Assurance Manager

Sept 2020 – Jan 2021

USC Metrans, Los Angeles, CA

- Resolved technical errors that the website encountered by contacting the proper expert with detailed reports of the error
- Collaborated with the team that was responsible for building the new website on Squarespace, making sure the content was well integrated from the old website

Research Intern

Sept 2019 – Mar 2020

Sponsored Project Accounting, Los Angeles, CA

- Research use of federal funds by a non-federal entity and determine whether the allocation is feasible directly on the grant, or only through Indirect Cost
- Documented expenses for USC's groups and organizations and analyzed these expenses through tables on Microsoft Excel to sort them into various categories

Data Manager

May 2016 – May 2019

JoongAng Ilbo, Los Angeles, CA

- Raised re-contracting by 210% through handling marketing by directly contacting customers via phone and paper mail
- Managed thousands of customer data from LA County by transferring customer information from paper applications to customized Microsoft Excel template

Computer Science Projects

USC Questbridge Chapter – E-board: Web Designer

Aug 2020 – Present

University of Southern California, Los Angeles, CA

- Created the first official website for the Questbridge group at USC, using CSS and HTML, with Visual Studio Code and GitHub
- Planned and hosted multiple club bonding events and informational sessions by collaborating with the Questbridge Events Chair and Professional Development Chair

Femineers – Project Manager

Oct 2019 – Jun 2019

California State Polytechnic University of Pomona, Pomona, CA

- Increased enrollment for the program by 14% by presenting the robotics projects to on-boarding members and participating in meaningful teaching sessions
- Integrated coding with advanced electronic technology by constructing heat-sensing scarf and earmuff, through Arduino Playground and C Programming
- Assembled a robotic car with Raspberry Pi, utilizing Python to command instructions such as driving directions, sensing distance, temperature recognition, and photo-taking