

Hyeongkwon Kim

332-260-6586 | jh0292jh@gmail.com

EDUCATION

Pennsylvania State University – Class of 2024

Bachelor of Science in Computer Science

State College, PA

Overall GPA: 3.10

TECHNICAL SKILLS

- HTML | CSS | JavaScript | Python | SQL | Dart | Flutter | C | Firebase | Java | Adobe Photoshop | Premiere Pro CC | Adobe Illustrator | Final Cut | Flask

PROFESSIONAL EXPERIENCE

Pro-Link-One-Corporation

Software Engineer Intern

South Korea

Jun 2022 - Aug 2022

- Developed a centralized corporate website using HTML, CSS, JavaScript, and React.js to publish information for several entities of the company, utilizing a virtual DOM and a component-based architecture to build user-friendly interfaces
- Improved user experience on the website by redesigning and constructing the website using flow charts and pipelines created with Figma considering the company-specific business and factory processes
- Designed a customized color theory, typography, and design patterns requested by the client using Adobe Illustrator and Figma to optimize the user interface to navigate and glean information on the website
- Collaborated with a wide array of people with clear communication and implemented project management system Notions to complete multiple tasks in a fast-paced and cross-functional working environment

LEADERSHIP EXPERIENCE

PLO – Entrepreneurship Club

President

State College, PA

Aug 2022 - Present

- Design and develop a user-friendly online marketplace application named “Lions Market” by using Flutter widgets to state management with a focus on constructing the home page, community page, hot deals, and profile page
- Deploy Firebase as the backend to manage and categorize the data inputted by users in the application, which enable smooth interaction and easy monitoring of data flow that show real-time interaction with server and client.
- Train teammates to teach how to design the project using Figma, Flutter, and Firebase to create a clear visual representation of the application’s features and layout, increasing efficiency and effectiveness of the overall process, reducing 5 hours of monthly labor
- Coordinating a team of 11 individuals, comprising design, development, business, and project management teams, to integrate ideas to ensure the successful completion of the project

PSU PIDEO – Media Club

President

State College, PA

Aug 2022 - Present

- Directed 13 members of the producing, editing, and recording teams to produce media products to introduce about the college life at Penn State University via YouTube and advertise through various social media platforms
- Provide support for our team to spread Korean culture to PSU students by producing videos, such as involved Krazy About Korea culture night event that get funding from PSU more than 35,000\$ and making video of performers who were invited for this event
- Create a video about PSU students’ school life resulted in a request from the Korean Broadcast Station (MBC) collaborate with Dr. Richard video about ‘How Does People in United State think about Korea’ which make 90,000 views plus on media platform

PROJECTS

Lion’s Market

Lead Developer

State College, PA

Aug 2022 - Present

- Implemented user interface design and development process using Flutter and VSCode in order to create a prototype of the “Lions Market” application, using Dart language and object-oriented programming principles
- Deploy Firebase to manage and control the flow of data within our application, allowing for efficient retrieval of user-generated data and manipulation of large data sets, enabling real-time database

JBOD Server Operations

Software Engineer

State College, PA

Aug 2022 – Dec 2022

- Developed a server operation in C language utilizing bitwise operations to efficiently pack and transmit data between JBOD and computer database in Linux environment, and implemented read and write functionalities on the server for specific data retrieval and rewriting from the database
- Documented the server operation design and functionality for future reference and knowledge transfer, and collaborated with cross-functional teams to integrate the server operation with other systems in the organization

INTEREST

- Interest: Swimming, Reading, Meditating, Weightlifting, Making videos, Listening hip-hop, Decorating rooms