Myung Joon Kim

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EDUCATION

The Pennsylvania State University (University Park, PA)   May 2021
Bachelor of Science, Computer Science
Bachelor of Science, Mathematics (Minor)
Relevant Coursework: Data Structures & Algorithms, Game Theory, Applied Statistics, Java, Object Oriented Programming, Python Programming, C Programming, Digital Design

WORK EXPERIENCE

LG Electronics   Seoul, Korea
Software Engineer   July 2021 – Present
- Described the modernization of log data assets through technical specifications that were more user-friendly not only for technical teams but also for business customers
- Developed Web application User Interface on the Floating Touch Device for the COVID-19 using Javascript, HTML and CSS.
- Made data visualization dashboard using Tableau and Kibana with device's log data.
- Developed Server for B2B thin client device for SK Hynix.

Mozzign   New York, US
Software Engineering Intern   May 2020 - August 2020
- Mozzign is a Series A funded e-commerce startup providing products mainly outsourced from Shopify. Monthly active users have increased 5X over last 6 months.
- Designed the subscribing function into a User Interface with Python Flask and MongoDB as a backend. Users clicking rates have increased by 17% by deploying this service on last quarter.
- Collaborated with data analytics staff and business partners to analyze product performance and member engagement data to drive informed decisions.

Danfoss   NY, US
Digital Design   June 2019 – August 2019
- Danfoss is an engineering solution company providing digital design tool to solve the customer challenge. It is providing power solutions to over 100 countries worldwide and its' Digital Design Center increased the annual sales by 3% to EUR 6.3 billion over the last year.
- Designed Q&A and Tags functioning web services as a main developer using React tools, HTML and CSS.
- Increased the number of customers who find what they were looking for on the digital design tool from 20% to 52% for 3 months.

PROJECTS

Hackathons
- Designed web-based prototypes for enrolling and managing classes using Flask and Django.

Epic Energy
- Designed web application for data visualization of public data using PostgreSQL and WordPress.

SKILLS

- 4 years of Python development experience
- 1 years of ReactJS experience
- 1 year of MySQL/NoSQL experience
- Data visualization tools (Tableau)
- Experience with Flask, Spring framework
- JavaScript, HTML, and CSS programming
- Experience with Django/MongoDB
- Experience with JSON, AJAX, and jQuery