Myung Joon (Ray) Kim

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EDUCATION

The Pennsylvania State University (University Park, PA)   May 2021 (expected)
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

Danfoss   Remote, US
Software Engineering Intern   June 2020 – August 2020
- 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.

Mozzign   New York, US
Software Engineering Intern   May 2019 - August 2019
- 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.

IT Service Desk   Pennsylvania, US
Lab Consultant   Sep 2019 – Jan 2020
- Assisted over 200 Penn State community members with their computers and mobile devices by solving software problems and troubleshooted connectivity, applications, and IT security.
- Checked the network systems in eighty-five locations at the University Park campus.

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.

One-page Shopping Mall
- Developed an e-commerce web application using Flask, web scraping and MongoDB.

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