Myung Joon (Ray) Kim

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EDUCATION

The Pennsylvania State University (University Park, PA)   May 2021 (expected)
Bachelor of Science, Computer Science   GPA : 3.4/4.0
Bachelor of Science, Mathematics (Minor)
Relevant Coursework: Data Structures & Algorithms, Game Theory, Applied Statistics, Probability Theory, Object Oriented Programming, Python Programming, C Programming, Digital Design

WORK EXPERIENCE

Mozzign   New York, US
Software Engineering Intern   May 2020 - August 2020
- Built user-friendly website, scaling performance, and 24/7 reliability for the externally-facing applications and internal tools.
- Designed the system into a User Interface with ReactJS and MongoDB as a backend.
- Collaborated with data analytics staff and business partners to analyze product performance and member engagement data to drive informed decisions.

Danfoss   Iowa, US
Digital Design Trainee   June 2020 – August 2020
- Designed a concept to solve the customer challenge and developed solutions offering the greatest customer experience for their machine function design needs.
- Improved utilization for tools, such as design center, and developed ideas for consistent user interface (UI) and unique customer experience (CX).
- Increased the number of customers who find what they were looking for on the digital design tool from 20% to 52%.

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
- 2 years of C development 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 Linux Operating Systems