

# Myung Joon (Ray) Kim

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## EDUCATION

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### The Pennsylvania State University (University Park, PA)

Bachelor of Science, Computer Science  
Bachelor of Science, Mathematics (Minor)

May 2021 (expected)

GPA : 3.4/4.0

**Relevant Coursework:** Data Structures & Algorithms, Game Theory, Applied Statistics, Probability Theory, Object Oriented Programming, Python Programming, C Programming, Digital Design

## WORK EXPERIENCE

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### Mozzign

Software Engineering Intern

New York, US

May 2020 - August 2020

- Built user-friendly website, scaling performance, and 24/7 reliability for the externally-facing applications and internal tools.
- Designed the iPaaS 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

Digital Design Trainee

Iowa, US

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).

### IT Service Desk

Lab Consultant

Pennsylvania, US

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.
- Implemented 30 upgrades of virus detection, ensuring 100% removal of viruses and malicious software. Conducted data transfer and backup for seven sites.

## PROJECTS

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### 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

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- 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