

# YEJUN KWAK

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## EDUCATION

### Carnegie Mellon University

#### B.S. Information Systems

Minor in Human-Computer Interaction

Expected Graduation: May 2025

#### Master of Information Systems Management

Expected Graduation: May 2025

## HONORS & AWARDS

Dean's List | 2020, 2021, 2022, 2023

Heinz College Scholarship | 2024-2025

Fraternity Merit Based Scholarship | 2021-2022

## ACTIVITIES

Women in IS | 2021 - Present

Product @ CMU | 2023 - Present

Emerging Leaders | 2021

## RELATED COURSEWORK

- Object Oriented Programming
- Mobile App Design & Development
- Data Structures & Algorithms
- Application Design & Development
- Advanced Relational Database
- Foundations of Software Engineering
- Fundamentals of Programming
- Machine Learning in Practice
- Methods for Statistics & Data Science
- User-Centered Research & Evaluation
- Interaction Design Overview
- Human Factors

## SKILLS

### Computer:

Java • PostgreSQL • TypeScript • Swift  
• MongoDB • Git • Ruby • Python  
• HTML • CSS • JavaScript • Django  
• React • Node.js • R

### Tools:

Jira • Confluence • Oracle Data Modeler  
• Oracle SQL Developer • Figma  
• Photoshop • Illustrator • Adobe XD  
• InDesign • Protopie • Microsoft Office

### Other:

Agile Methodologies • Wireframing  
• User Research • Storyboarding

## PROFESSIONAL EXPERIENCE

### Software Engineering Intern

Justworks (New York, NY) | May 2023 - August 2023

- Architected a new email structure framework for payment summaries that aligned with the company's design system. Completed the project in two weeks, significantly ahead of the original timeline, and exceeded expectations.
- Pioneered the establishment of a single identity service across products by introducing a change password feature to the settings page. Supported release preparation for the company's multi-product vision by accelerating product launch by two weeks.
- Streamlined development processes for internal teams by fixing bugs in the frontend toolkit. Facilitated onboarding a new team of 15 people to the frontend toolkit, reducing congestion in the original deployment platform.

### Research Assistant - Opioid Crisis Machine Learning Lab

Carnegie Mellon University (Pittsburgh, PA) | January 2023 - Current

- Manage user testing initiatives by collaborating with industry specialists and local health authorities. Ensure seamless coordination of three user testing activities adhering to the stipulated timeline.
- Contribute and co-author to the publication of a research paper, developing strong critical thinking and problem-solving skills with rigorous paper reviews.

### User Experience Design Intern

Biomotivate (Pittsburgh, PA) | November 2021 - April 2022

- Leveraged technical skills in prototyping to standardize the design team's workflow by incorporating Protopie for improved product comprehension.
- Enhanced data visualization by improving color schematics and representations of horizon charts' data, ensuring user-friendly data interpretation.

### Front-end Development Intern

Pure UX (San Francisco, CA) | June 2021 - August 2021

- Led the frontend development team efforts for two websites: evaluating job candidates' design proficiency and introducing a healthcare app.
- Collaborated with cross-functional teams and stakeholders to expedite product releases by a two-fold reduction in planned release timelines, allowing for extensive testing and feedback.

## RELEVANT PROJECTS

### Cafe23 Application Development [🔗](#)

Carnegie Mellon University | February - April 2023

- Developed a Ruby-based web application to manage internal cafe operations with a strong focus on MVC structure. Created APIs for efficient retrieval of critical data and enhanced security for appropriate levels of access for each user.

### Ultimate Supper Frogger with Maze [🔗](#)

Carnegie Mellon University | May 2021

- Developed an advanced version of the game "Supper Frogger" using the DFS algorithm for an added maze version and improved UX design for easier controls.

### Duquesne Incline Web Design & Development [🔗](#)

Carnegie Mellon University | April 2021

- Designed and developed a fully responsive website for Pittsburgh Duquesne Incline to allow for cross-device compatibility with a strong focus on UX through extensive user research.