

# Elizabeth (Hye In) Lee

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## EDUCATION

### Carnegie Mellon University

Bachelor of Science in Information Systems, Minor in Computer Science

Pittsburgh, PA

Jun 2019 – May 2019

**Academic Honors:** Fall 2020 Dean's List with High Honors, National Merit Scholar

**Coursework:** Database Design and Development, Introduction to Computer Systems, Principles of Imperative Computation, Concepts of Mathematics, Matrices and Linear Transformations, Integration and Approximation

## WORK EXPERIENCE

### Carnegie Mellon University Information Systems Milieux (67-250)

Pittsburgh, PA

*Head Teaching Assistant*

Jan 2022 – May 2022

- Hold office hours for web development (HTML/CSS/JavaScript), database (SQL), and business analysis projects
- Lead grading sessions and coordinate grading plans
- Review student grades and TA feedback before final release to students
- Assist students in lab sessions

### CMU CS Academy

Pittsburgh, PA

*UX Design Team Lead*

May 2021 – Nov 2021

- Designed customizable course-building and student-exercise creation interfaces for teachers
- Wrote features documentation for Development Team to ease new member onboarding
- Managed team of designers with varying experience, provided feedback, and led weekly meetings for constructive criticism
- Identified organization's priorities with Development Team to schedule and distribute tasks
- Communicated progress and roadblocks to Program Manager and Principal Software Developer 2x per week

*UX Designer*

Jan 2021 – May 2021

- Wireframed and prototyped features in Figma to democratize accessibility and equitability enhancements for all users
- Worked alongside Development Team to redesign website using Figma to streamline user options on website
- Rebranded marketing materials to further international branding in educational spaces

## PROJECTS

### MAZE

Nov 2020 – Dec 2020

- Created an interactive AI program with Python that randomly generates different types of mazes and generates corresponding solutions
- Implemented various maze algorithms, including Dijkstra's, Prim's, BFS, and Binary Tree
- Used Python Tkinter to design a UI that enables the user to solve mazes on their own

## LEADERSHIP & ACTIVITIES

### CMU Business Technology Group

Pittsburgh, PA

*Developer*

Aug 2021 – Present

- Used React to build website to showcase projects, members, alumni, and events
- Spearheaded and drove new website features with Design Team in weekly standup meetings

### ScottyLabs

Pittsburgh, PA

*Technology Team*

Aug 2021 – Present

- Used React to build features for users to make their own light design for Pausch Bridge on Illuminate Designer
- Planned for school-wide Randy Pausch Bridge Light-Up Night event to inspire the intersectionality of technology and art

### Delta Delta Delta Sorority

Pittsburgh, PA

*Conduct Committee Sophomore Representative, Assistant Social Chair*

Aug 2021 – Present

- Planned logistics/costs of weekly social events for 70+ members, reviewed incidents that violate chapter membership guidelines
- Develop professional curriculum to promote relationships with other campus student organizations

### CMU Debate

Pittsburgh, PA

*Treasurer*

May 2021 – Present

- Used self-authored classroom Parliamentary debate curriculum to teach argumentation and philosophy
- Led debate practices and judge debate rounds, providing personalized feedback
- Coordinated with Student Leadership Office to ensure accurate and timely payments to track budget, spending, and earnings

## SKILLS & INTERESTS

**Technical:** Python, C, HTML, CSS, JavaScript, SQL, Unix

**Tools and Frameworks:** Figma, Adobe Creative Cloud, React

**Languages:** Korean (fluent), French (working proficiency)

**Interests:** classical piano, painting, swimming, French study, Buggy driving