

# CHLOE HOUER DENG

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## EDUCATION

**Carnegie Mellon University**, Pittsburgh, PA

August 2021 - May 2025

**B.S. Information Systems, Minor in Software Engineering**

Dean's List, High Honors (May 2022)

*Relevant Courses:* 17-313 Foundations of Software Engineering; 67-272 Application Design & Development; 67-262 Database Design & Development; 15-122 Principles of Imperative Computation; 05-391 Designing Human-Centered Software; 36-202 Methods for Statistics & Data Science

## EMPLOYMENT

**Thomas Merton Center**, Pittsburgh, PA

August 2022 - Present

*Administrative and Tech Support*

- Assist Executive Director with troubleshooting and maintenance of Salesforce database
- Perform data entry and data quality review of coworkers' entries

**re:Bloom**, Pittsburgh, PA

*Incoming Project Manager*

June 2023 - August 2023

- Direct team of two developers to create a digital solution for a small business client

*Technical Consultant - Developer*

June 2022 - August 2022

- Designed and developed e-commerce website to improve user experience and increase sales
- Implemented SEO practices through Shopify and Google Analytics to optimize website traffic
- Collaborated with co-developer to remodel website and upload over 200 products
- Consulted and communicated with client weekly to understand and implement business needs

## EXTRACURRICULARS

**ScottyLabs**, CMU Tech-Based Club

*Head of Logistics*

June 2022 - Present

- Organize Pittsburgh's largest student-run hackathon, Tartanhacks, and other community events
- Manage team of about 20 organizers to host event attended by over 400 students annually

## PROJECTS

**Pamela's Diner Website** – HTML, CSS, JavaScript

March 2022

- Designed, wireframed, and coded an improved website for local Pamela's Diner
- Incorporated web accessibility features, refined appearance, and added JavaScript functionality
- Thoroughly detailed processes in user-centered design documentation, including user stories list, design guide, information architecture approach, and site map
- Conducted user tests and used feedback to make final adjustments to website

**Minesweeper** – Python, Tkinter

December 2021

- Recreated classic Minesweeper with an additional hints system and a cellular automaton algorithm for board initialization

## SKILLS

*Languages:* C, Python, HTML/CSS, JavaScript, SQL (Postgres), PL/pgSQL, MongoDB, R

*Applications & Software:* Git, Figma, Processing, Salesforce, Google Suite, Microsoft Office