

EILEEN CHEN

ABOUT ME

Incredibly motivated and diligent, I have a strong background in programming, web development, design, business, databases, and data science. I hope to use digital design and development to impact our daily lives.

EDUCATION

Carnegie Mellon University

B.S. in Information Systems

Minor in Human-Computer Interaction

Minor in Business Administration

August 2017 - May 2021

GPA: 4.0 / 4.0

Dean's List with High Honors

Presidential Scholarship Recipient

SKILLS

Programming

Python, Ruby, Java, SQL, R

HTML, CSS, JavaScript, Git

Frameworks

Materialize, Bootstrap, vue.js

Design

Figma, Illustrator, InDesign, XD, Principle

Wireframing, User Research & Testing

Databases

PostgreSQL, MongoDB, Redis

AWARDS

Chili Pepper Award | CMU IS

Best Web Design & Development

Final Four | Deloitte Case Competition

Placed 4th out of 28 teams

ACTIVITIES

Taiwanese Students Association

Social Media Chair (May 2019 - present)

Fundraising Chair (August 2018 - May 2019)

All University Orchestra

First Flutist (August 2017 - present)

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EXPERIENCE

CereSoft, Inc. | UI/UX Designer & Project Manager Intern

Silver Spring, MD | May 2019 - September 2019

- Made an executive decision with the CEO to enter the \$114B transaction value mobile payment industry through competitive analysis
- Introduced design thinking and prototyping to the company and designed a mobile payment app interface with Figma
- Led the international effort in revamping the POS and e-commerce payment system to better secure customer data

Capital One | Software Engineering Summit Challenge Winner

Arlington, VA | July 2019

- Developed a web app for National Park Service (NPS) using NPS and Google APIs to keep visitors informed and safe

Smart Futures | Web Developer & Project Manager Intern

Pittsburgh, PA | May 2018 - August 2018

- Worked closely with the Executive Director to strategize online curriculum module development for K-Adult
- Developed a project plan and led a team of 4 interns to implement 44 modules on time with high quality
- Designed and implemented interactive webpages with HTML/CSS/JavaScript to improve UX and engagement

CMU Human-Computer Interaction Institute | Research Assistant

Pittsburgh, PA | January 2019 - May 2019

- Designed a game based on the social efficacy theory to promote positive cybersecurity behaviors

CMU Information Systems Milieux | Teaching Assistant

Pittsburgh, PA | January 2019 - May 2019

- Mentored students in business technology, web development, and database design and modeling

PROJECTS

The Baking Factory Web App

- Designed and developed an e-commerce web app with Ruby on Rails using Model-View-Controller architecture; won award for best design

Atlantis Hub Data-Driven Display

- Designed a data-driven display for a transportation hub; experimented with animation to provide deliberate, yet smooth signals to travelers
- Analyzed data and personas to match and organize data with user needs

CMU Food Trucks Responsive Web App Design

- Interviewed food truck owners and customers; observed customers' interactions with the food truck, employees, and surroundings
- Created personas, scenarios, and storyboards and conducted user testing to inform mobile-first app design

SkillSwap Mobile App Design

- Created customer journey maps, personas, and design features audits
- Pitched final design to professors and classmates from a startup angle