

CINDY ZHANG

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ

August 2019 – May 2023

B.S. in Computer Science

GPA: 3.5

- Relevant Courses: Discrete & Data Structures, Data Mining II, Database Management Systems, and Concurrent Programming
- Additional Training: Harvard Business School: Credential of Readiness (CORE) Program (2020)

TECHNICAL SKILLS

Programming: C, C++, CSS/SCSS, HTML, Java, JavaScript, Python, React, SQL, Vue

Software: Anaconda, Figma, Git, GitHub Desktop, Jira, MongoDB, Postman, PostgreSQL, RStudio, Trello, Ubuntu, VM, VS Code

WORK EXPERIENCE

Clinical Mind, Hoboken, NJ

June 2023 – Present

Scientific Analytics Summer Intern

- Designed and developed a user-friendly medical publications management platform, integrating Figma and Anima for captivating frontend design that enhances user engagement.
- Collaborated with a cross-functional team to restructure the backend architecture using Flask, resulting in a modularized and scalable framework that supports future expansion.
- Employed MongoDB for efficient data storage and Firebase for data integrity, ensuring a robust foundation for streamlined data management processes.

Stevens Institute of Technology, Hoboken, NJ

June 2020 – May 2023

Teaching Assistant (3 Courses)

- Overseeing 15 project groups focused on software UI by applying core design principles and industry-standard practices.
- Taught 100+ graduate students languages such as Python, ARMv8, LEGv8, MIPS, and C and virtual environments.

Stevens Institute of Technology, Hoboken, NJ

May 2020 – October 2021

Research Assistant

- Analyzed how race and gender factor into AI research and career progression through interviews with Asian women at IBM.

MakeReign, Cape Town, South Africa

May 2022 – July 2022

Product Intern

- Collaboratively designed web and mobile application UI/UX mock-ups for several African-based fintech and retail companies to improve customer experience and conversion rates.

HIGHLIGHTED PROJECTS

Key Opinion Leader Web Application

Present

- Leading front end web application development of a user-friendly and minimalistic tool that allows medical professionals to query and communicate for consultations using React and Figma.
- Using Python and a Postgres database to scrape and store medical publications alongside a FLASK framework.

Spotify Dating Platform

2022

- Led a team of 4 developers to create a web application for Spotify users to match people by their music tastes.
- Utilized Socket.IO to create real-time chat rooms for users to contact each other, Firebase to alleviate security concerns by encrypting user data from servers and handling storage of sensitive user login data, React to speed up the development process through reusable components, and MongoDB to store information from Spotify API.

Cookbook Social Media

2021

- Designed and prototyped a user-friendly social media cookbook with Handlebars and Figma, enabling chefs to connect and share expertise while conducting comprehensive market research.

LEADERSHIP & SERVICE

Stevens Badminton Club

August 2019 – Present

Secretary

- Organizing and leading monthly tournaments, weekly practices, court reservations, attendance, and promoting events.
- Revived social media presence by promoting event dates, tournament videos, and live streamed around campus which increased the club size by 250+ in a single semester.

Other Activities: Stevens Women in Computer Science, *Treasurer (2020-Present)*; Society of Asian Scientist and Engineers, Chinese Student Association, *Member (2019-Present)*; Castle Point Anime Convention, *Public Relations (2020-Present)*; Spoons University, *Event Coordinator & Webmaster (2019-2020)*