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
- ▪ <u>Relevant Courses:</u> Discrete Structures, Data Structures, Data Mining II: Advanced Algorithms, Database Management Systems, and Concurrent Programming
- ▪ <u>Additional Training:</u> Harvard Business School: Credential of Readiness (CORe) Program (2020)

TECHNICAL SKILLS

Programming: ARMv8/LEGv8, C, C++, CSS/SCSS, Groovy, Handlebars, HTML, Java, JavaScript, jQuery, MIPS, OCaml, Python, R, React, SQL, Vue

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

WORK EXPERIENCE

Stevens Institute of Technology, Hoboken, NJ   June 2020 – Present
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 a social media cookbook using Handlebars and Figma allowing chefs of any level to engage and consult one another.
- ▪ Conducted market research to gain statistics on user habits, use cases, and demographics.

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)*