CINDYZHANG

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

TECHNICALSKILLS

Programming: C, C++, CSS/SCSS, HTML, Java, JavaScript, Python, React, SAIL, SQL, Vue
Software: Anaconda, Figma, Git, GitHub Desktop, Jira, MongoDB, Postman, PostgreSQL, RStudio, Trello, Ubuntu, VM, VS Code

WORKEXPERIENCE

Horizon Industries, Vienna, VA   January 2024 - Present
Appian Consultant & Appian Intern Developer
- ▪ Designed and delivered 200+ Appian solutions using SAIL, Appian BPM objects, and Agile/Scrum methodologies, modernizing and optimizing legacy systems.
- ▪ Integrated REST APIs with external platforms (e.g., SharePoint and legacy applications) to improve data flow and system interoperability.
- ▪ Supported ETL and data migration with AWS Glue, Oracle SQL, and DB2, ensuring data integrity across environments.
- ▪ Authored user guides, automated reports, and conducted QA/migration testing, while assisting with BA and project management tasks under full SDLC best practices.
- ▪ Provided direct client support, resolving 1,400+ service tickets and improving user satisfaction.

Clinical Mind, Hoboken, NJ   June 2023 – January 2024
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) & Research Assistant
- ▪ 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.
- ▪ 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.

HIGHLIGHTEDPROJECTS

Key Opinion Leader Web Application   2024
- ▪ 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 – 2023
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)*