

CINDY ZHANG

(443) 360-1335 | zhancin23@outlook.com | linkedin.com/in/senpaicy | github.com/senpaicy

EDUCATION

Stevens Institute of Technology , Hoboken, NJ	2019 – 2023
<i>B.S. in Computer Science</i>	GPA: 3.5
<ul style="list-style-type: none"><u>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: C, C++, CSS/SCSS, Groovy, Handlebars/HTML, Java, JavaScript, jQuery OCaml, Python, R, React, SQL, Vue
Software: Anaconda, Figma, Git, Github Desktop, Jira, MongoDB, Postman, PostgreSQL, RStudio, Trello, Ubuntu, VM, VS Code

BUSINESS OPERATIONS EXPERIENCE

MakeReign , Cape Town, South Africa	2022 – 2022
<i>Product Intern</i>	
<ul style="list-style-type: none">Learned basics of design principles for UI / UX while integrating practices to companies such as Flash, Woolworths, and etc.Re-evaluated designs based on meetings with the client where they discussed their problems and concerns.	

Stevens Insitute of Technology , Hoboken, NJ	2021 – Present
<i>Teaching Assistant (3 Courses)</i>	
<ul style="list-style-type: none">Reviewed and introduced to project groups on different ways of design to appease the human eye when creating software or applications by demonstrating what practices not to use and where to use.Created a comfortable teaching environment to help graduate students learn the structure of lower level coding languages such as ARMv8, LEGv8, MIPS, and C. Demonstrated how to use a virtual environment to run the course's software.Provided different approaches to help novice coders to apprehend the alien jargon in python by providing examples of how the language is structured or simplifying the terminology.	
<i>Research Assistant</i>	2020 – 2021
<ul style="list-style-type: none">Interviewd Asian Women at IBM to confirm or deny speculations whether being a woman and asian affects their work or their research on AI then, analyzed transcripts after interviews.	

PROJECTS

Key Opinon Leader Web Application , <i>ClinicalMindKOL</i>
<ul style="list-style-type: none">Scrapped data using python from multiple medical journals and publications (i.e. google scholar, pubmed) and stored data into an SQL database later used for querying for optimal user results.Designed application with Figma and used React to implement the ideas onto the frontend.
Spotify Dating Platform , <i>Thotify</i>
<ul style="list-style-type: none">Led a team of 4 developer to create a web application for spotify users to meet people with similar taste in music.Implemented Socket.IO to create chatroom for users to contact each other, Firebase to alleviate the security concerns of encrypting user data from the servers and handle storage of sensitive user login data, and MongoDB to store valuable information taken from the Spotify API.Utilized React for the frontend by using the Javascript library for building user interfaces based on UI components and made building interactive interfaces quickly and efficiently with significant less code than vanilla JS.
Cookbook Social Media , <i>Human Culinary Interaction</i>
<ul style="list-style-type: none">Using JavaScript, Handlebars, SCSS, and Figma we designed a potential social media cookbook platform to create an engaging cookbook for all levels of aspiring chefs and allows them to consult eachother.Surveyed a selection of 30 random 19-60 year olds in how they felt about using this application or an application similar to this.

Other Projects: Art Point, IoT: Hugs the Rail, Project Pierce

LEADERSHIP & SERVICE

Stevens Badminton Club	2019 – Present
<i>Secretary</i>	
<ul style="list-style-type: none">Managed court reservation, attendance, spreadsheets, and inventory to allow club to run smoothly.Revived social media on 4 platforms and increased the club size by 200 students in one semester.	

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