CINDY ZHANG
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EDUCATION

Stevens Institute of Technology
Bachelor of Computer Science   *Expected 2023*
GPA: 3.85 / 4.00
Courses: Structures, Data Structures, Data Mining II, Project Management, Software Development Process, Systems Programming, Principles of Programming Languages, Computers and Society, Concurrent Programming, Machine Learning Fundamentals and Applications, Database Management Systems, and Distributed Systems and Cloud Computing.

Harvard Business School Online
Courses: Business Analytics, Economics for Managers, and Financial Accounting.

SKILLS

Software: MS Office (One Note, Word, Excel, PowerPoint), Google Software (Sheets, Docs, Slides), Vernier, VS Code, Atom, Eclipse, IDLE, Jupyter, Anaconda, Notepad++, Github
Soft Skills: Resourceful, cooperative in groups, communicative, and dedicated.
Programming: CSS, HTML, JavaScript, Java, Python, C, C++, SQL, R and OCaml
Languages: English, French, Mandarin, and Fujianese
Certifications: First Degree Black Belt, 2018 District Forms and Sparring Champion, and 2018 State Forms, Sparring, and Combat Champion.

WORK EXPERIENCE

Stevens Institute of Technology
Teaching Assistant – Computer Organization and Programming   *Summer 2021 - Present*
- Created a comfortable teaching environment to help graduates students study ARMv8 and LEGv8 structures. Developed a manual to assist students to install the software used in the course.

Teaching Assistant – Introduction to Python (Summer Program)   *Summer 2021*
- Created an exciting environment by understanding way students work ethic. Provided different approaches to aid students to understand the alien jargon.

PROJECTS

Project Pierce
- Developed a web application to represent the variety of dishes provided at the Stevens Institute of Technology's main dining hall using HTML, JavaScript, and CSS.
- Integrated a system to allow users to post and add their rating, personal recipes, and other opinons.

Discord Bot (On-going)

Internet of Things: Hugs the Rail Software
- Led a team of 3 developers to create a web application to help ensure locomotive safety using HTML, CSS, JavaScript, and Excel.
- Utilized sensor modules to capture the locomotive's surrounding environment and converted the raw data to display the current status.
- Allowed application to store and download data capture to allow users to study the patterns in locomotives.

LEADERSHIP EXPERIENCE AND ACTIVITIES

Badminton Club
Secretary 2021
- Manage spreadsheets, room bookings, attendence, and equipment to allow all other operations to run smoothly.
- Revived the social media pressence on 4 different social media applications and increased the club size by 200 in one semester.

Stevens Women in Computer Science
Treasurer 2021
Korean Student Association
Chinese Student Association

Spoons University
Event Coordinator and Webmaster 2020
- Created event ideas related to health and health utilizing multiple formats of social media.
- Promoted around campus and obtained 150% more participants in the two semesters.
- Developing a web application to spread our brand across Hoboken and the community around us.

Castle Point Anime Convention
Public Relations 2020
Japanese Student Association
Filipino Association Stevens Tech