

ZHENNI LIN

Portfolio

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Education

Stockholm University

Master of Science in Information Security

Aug. 2023 – June 2025

Stockholm, Sweden

Projects

Gym Reservation Bot | *Python, Selenium, Google Cloud Console*

January 2021

- Developed an automatic bot using Python and Google Cloud Console to register myself for a timeslot at my school gym.
- Implemented Selenium to create an instance of Chrome in order to interact with the correct elements of the web page.
- Created a Linux virtual machine to run on Google Cloud so that the program is able to run everyday from the cloud.
- Used Cron to schedule the program to execute automatically at 11 AM every morning so a reservation is made for me.

Fast React Pizza App | *React, Redux, Javascript, Tailwind CSS*

November 2020

- Created an Android application using Java and Android Studio to calculate ticket prices for trips to museums in NYC.
- Processed user inputted information in the back-end of the app to return a subtotal price based on the tickets selected.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

Mapty APP | *Vanilla Javascript, CSS, HTML OOP, Leaflet*

October 2023

- Developed a sports tracking app to mark cycling and running routes using interactive maps..
- Implemented with Vanilla JavaScript, CSS, HTML using OOP to structure the architecture.
- Integrated geolocation API and the Leaflet library to fetch and display user's real-time geographical position, enabling users to tag and interact with their sports activities on the map

Experience

Euromonitor International

Jul 2022 – Sep 2022

Part-time assistant - Market Research Project

Hangzhou, Zhejiang

- Produced detailed market analysis reports through collaborative teamwork, leveraging tools such as ThinkCell, Excel, and PowerBI to deliver actionable insights and new market directions to clients
- Utilized structured interview techniques to collect data on company's market size, engaging with various internal stakeholders to ensure the accuracy and relevance of information.
- Performed extensive field research across domestic battery lines, negotiating and collecting data from dealers, and enhancing the data collection process through direct interactions.
- Employed Tableau for data integration and visualization, analyzing competitors and presenting market trends effectively to aid strategic decision-making.

China Family Panel Studies

Jul 2020 – Aug 2020

Interviewer and Data Collection

Hangzhou, Zhejiang

- Enhanced community governance by collecting data for a social policy support monitoring platform
- Expanded the observation network significantly by conducting twenty in-depth online interviews with both urban and marginalized residents
- Showcased teamwork by collaborating in a virtual environment for data collection and management
- Demonstrated communication skills in engaging diverse communities and facilitating project deliverables.

Relevant Coursework

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|--------------------|-----------------------|------------------------|--------------------|
| • Operating System | • Python Programming | • Information Security | • Cyber Security |
| • Computer Network | • Database Management | • Digital Forensics | • Network Security |

Technical Skills

Languages: HTML/CSS, JavaScript, Java, Python, SQL

Developer Tools: VS Code, IntelliJ IDEA, PyCharm CE

Technologies/Frameworks: Git, GitHub, WordPress