Shilong Li

Email: Shilong.Li@stonybrook.edu
Mobile: (218)-731-7513

www.linkedin.com/in/shilong-li-138006170/
github.com/slljack

EDUCATION

Stony Brook University, Stony Brook, New York   **Expected May 2021**
Bachelor of Science in *Computer Science*
GPA: 3.14
Relevant Coursework: Data Structures, Software Design, Database System, Analysis of Algorithms

PROJECTS

Frugal_ml   **May 2019 – Present**
Python, Java—Deep learning program that does image recognition and malicious URL detection on Android devices. Worked with Professor Amir Rahmati and two other PhD students in a team of four.
- Trained multiple models for image recognition and evaluated their performances.
- Used ADB commands and monitored Android devices performance status, and the four monitor properties are CPU, Memory, Battery and Temperature.
- Collected data and drew graph to find the tradeoffs to improve performance.

Course Site Generator   **August 2018 – December 2018**
JavaFX—Desktop application that builds custom college course pages and exports to HTML.
- Designed user interface and implementing fool-proof functions to guide the users.
- Built functions that converts user's inputs into json objects and loads them as inputs.

Online Stock Trading System   **February 2019 – May 2019**
MySQL, HTML, Java—A stock managing web application with a database storing stocks', customers', and employees' information.
- Designed queries for transactions in MySQL and linked them to the web user interface.

Discord Chat Bot   **September 2018**
Node.js—A highly customizable chat bot for acquiring information, playing music and autoreplying.
- Developed functions for the bot to log on to voice channels and interact with users.
- Employed APIs to return information about flight schedule and weather.

EXPERIENCE

Kidoyo   **February 2019 – Present**
Mentor for computer science
- Taught more than 30 students programming inside the classroom and tutored students on their projects.
- Analyzed more than 200 students' proficiency level and gave feedbacks on projects.

Stony Brook University
Research Assistant at Ethos Lab - Principal Investigator: Amir Rahmati   **May 2019 – Present**
- Worked on Machine Learning related projects with a weekly presentation in a team of four.

Tutor/Teaching Assistant for Foundation of Computer Science   **January 2019 – May 2019**
- Taught more than 50 students in a weekly class and graded project and exams for 200 students in collaboration with other course assistants.

SKILLS

Technical Skills
- **Proficient:** Java, Python
- **Prior experience:** C, C++, JavaScript, HTML, MySQL, CSS, XML

Language Skills
- Chinese (native), English (full professional proficiency, ILR scale).