Lily (Xue) Li

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Passionate M&A consultant pivoting to software development as a result of experiencing the transformational changes technology has brought to the business world. By learning data structures, algorithm and software design, combined with my proven communication and project management skills, I am pursuing a role in the tech field where I can make a greater impact.

EDUCATION

University of Pennsylvania, School of Engineering and Applied Science — Expected May 2023
Master of Computer and Information Technology, *GPA 4.0 / 4.0*
Coursework: Algorithms & Computation, Data Structures & Software Design, Introduction to Software Development, Mathematical Foundations of Computer Science

Wake Forest University, School of Business
Master in Accounting, *Outstanding Graduate Award Recipient, GPA 3.9 / 4.0*

Xiamen University, College of Foreign Language and Cultures
Bachelor of Arts in English Language, National Scholarship Recipient, GPA 3.8 / 4.0

TECHNICAL SKILLS

C++, Java, JUnit, Python, JavaScript, Node.js, Express, HTML, CSS, Bootstrap, MongoDB, Mongoose, LaTeX, Git, Project Management

SELECTED PROJECTS

Philadelphia COVID and Housing Data Analysis — Aug 2021
Team project for UPenn 594 (software design)
- Developed an application to parse and analyze COVID vaccination and housing data from OpenDataPhilly, by utilizing N-tier architecture and state machine.

Find the Next GME (Link to GitHub Repo) — Feb 2021 – Present
- Designed and implemented a full-stack web application to present the financial information of selected stocks using open-source libraries.
- Architected a web scraper to crawl the top 10 most discussed stocks on r/wallstreetbets of Reddit.com on a daily basis.

Share My Code (Link to GitHub Repo) — Jan 2021
- Built a one-click Chrome extension for Leetcode.com users to share their code with friends.

Various Text-Based Mini Games — Jan – Apr 2021
- Utilized Object Oriented Programming and common design patterns to implement classic human v.s. computer games, including Blackjack, Battleship and Hangman.
- Built unit tests and optimized winning algorithms for the computer players, achieved a win rate of 40% against human players.

WORK EXPERIENCE

University of Pennsylvania - School of Engineering and Applied Sciences — 2021 – Present
- Graduate Teaching Assistant, CIT 594 – Data Structures and Software Design

Deloitte Tax LLP – M&A Transaction Services — 2014 – 2021
- Manager - Led global tax due diligence teams consisted of 5 – 15 professionals for M&A deals with sizes ranging from $50 million to $5 billion.

HONORS / ACTIVITIES

- 3rd place prize in the FEMTech Bootcamp hackathon hosted by UC Berkeley — 2021
- MCIT Grace Hopper Celebration Scholarship — 2021
- Deloitte Outstanding Performance Awards — 2017 – 2019