Kelvin Lin

Software Engineer, Boston, Massachusetts, 02215

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EDUCATION

Boston University, College of Arts and Sciences, Boston, Massachusetts December 2024
Bachelor of Arts in Computer Science, Minor in Business Administration and Management

WORK EXPERIENCE

Community Boating Incorporated, Boston, Massachusetts May 2023 - September 2023
Front Office Administrator
- Diagnosed technical issues for 30+ clients per day by phone, email, and in person, resolving issues within 5 minutes on average.
- Created patron accounts for 50+ clients per week, inputting data into a MySQL database with close to 95% accuracy and remediating any errors to guarantee close to 100% clientele satisfaction and an error-free user experience.
- Ensured internal MySQL database operated correctly and troubleshooted errors in software when applicable.

CERTIFICATES

Bloomberg Market Concepts, Bloomberg Environmental Social Governance, Project Management Basics.

PROJECTS

CS Education in Massachusetts School Districts September 2023 - December 2023
- Led data extraction efforts incorporating a Scrum workflow to construct 3+ number of models for analysis of correlations between funding and CS performance and generated 3 reports on areas requiring improvement.
- Aggregated and prepped 5-10 years of computer science education data from Mass. Education datasets manipulating Pandas, Numpy, Scikit-learn Python libraries.
- Determined with various Python clustering methods, school districts where Computer Science participation were underperforming and owned improvements and modifications to increase participation by 15%.

Schalendar Android Mobile App September 2023 - December 2023
- Spearheaded collaboration as team project manager with 3 engineers in an Agile workflow to develop productivity scheduling app with over 10 unique features to be deployed in 100+ scenarios.
- Designed user interface and interactions in XML employing layouts, buttons, text fields, and other Android widgets to create a smooth user experience.
- Streamlined development of a web scraping algorithm to extract course data from the Boston University course database with over 7000 entries.
- Architected and collaborated on a database for storing profiles in SQLite to store entries with more than 5 unique values.
- Guided development of a full-stack mobile app using Kotlin and XML and incorporated 4+ APIs such as the ChatGPT, Google Maps, OpenWeatherMap, and the Boston University transportation APIs.

Personal Website September 2023 - November 2023
- Utilized HTML and CSS to produce a dynamic and interactive personal website with 10+ features and 3 unique layouts applying open-sourced CSS code.
- Maintained and hosted a webpage with a custom domain utilizing GitHub Pages foregoing hosting services and paid website design software in order to cut expenses and costs by over 97%.

Company Analytics Projects September 2022 - December 2023
- Managed and coordinated communication across 5 team members to schedule weekly interactive project meetings and certified status updates to guarantee timely completion.
- Developed company plans and conducted SWOT analysis for 2 industry leaders to achieve company financial stability.
- Modeled financial and sustainability data using Microsoft Excel to present client recommendations using Microsoft Powerpoints for areas in need of investment and improvement.

SKILLS

Hard Skills: Python, Pandas, Scikit-learn, MatplotlibJava, Kotlin, XML, HTML/CSS, Git, C, Excel, Powerpoint, Word
Soft Skills: Teamwork, Technical Writing, Problem Solving, Communication, Adaptability, Leadership, Initiative