Jimmy Jiang

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EDUCATION

Temple University   August 2020 – May 2024
Bachelor of Science in Computer Science   *Philadelphia, PA*

EXPERIENCE

Software Engineer Fellow   July 2024 – September 2024
Headstarter   *Remote*

- Built and deployed 5 AI projects using React.js, Next.js, Firebase, Clerk, and Vercel by following agile methodologies, conducting weekly sprints, and incorporating CI/CD practices.
- Led a team of 3+ engineering fellows to develop an interactive Olympic sports information chatbot using Llama AI, hosted on AWS EC2 for optimal scalability.
- Collaborated with 3 fellows to develop a SaaS product that generates flashcards using Llama AI, utilizes Stripe for payment processing, and integrates Clerk for authentication.
- Participated in weekly mentorship sessions with engineers from Google, Amazon, and venture-backed startups.

Software Engineer Intern   June 2023 – August 2023
Labware   *Wilmington, Delaware*

- Acquired proficiency in Smalltalk programming, enhanced object-oriented programming skills, and gained expertise in algorithms and data structures under senior engineer mentorship.
- Developed user-driven queries with provided databases to improve data retrieval accuracy and system performance on Labware's Virtual Machine.
- Collaborated with 5 other interns to design and develop fully interactive user interfaces based on client specifications.

Tutor   May 2022 – January 2024
Temple University   *Remote*

- Mentored 10+ students through the Computer Information Science Discord Server.
- Achieved an average improvement of 10 percent in students' assignment grades.
- Conducted private one-on-one sessions to help students grasp coding concepts and complete programming assignments.

PROJECTS

Custom E-Commerce | *https://github.com/jimmy70111/bigbuds*   August 2024 – September 2024

- Created client-approved UI designs using Figma into an e-commerce website using React.
- Integrated Clerk for secure authentication and user management to ensure seamless registration and login processes.
- Deployed and maintained the website on AWS EC2 to optimize performance and scalability.
- Implemented a wholesale inquiry feature to enable customers to submit product requests directly via email using EmailJS.
- **Technologies Used:** React, JavaScript, Bootstrap, Clerk, Figma, EmailJS, AWS EC2

LeetCode Discord Bot | *https://github.com/jimmy70111/leetcode_sql_java_bot*   June 2024 – July 2024

- Designed and implemented a Discord bot to streamline LeetCode user interactions and information retrieval.
- Developed automated features for daily notifications, user management, and leaderboards with data stored in SQL.
- Integrated LeetCode API for real-time interaction and hosted the bot 24/7 using Heroku.
- **Technologies Used:** Java, Maven, SQL, MySQL, Git, REST API

ThrillTyper | *https://github.com/Capstone-Projects-2024-Spring/project-thrilltyper*   January 2024 – May 2024

- Developed an online type racer game web application with implemented user authentication, account management, dashboard, and leaderboard features.
- Integrated WebSocket technology for seamless real-time communication to enhance multiplayer gameplay.
- **Technologies Used:** JavaScript, Python, HTML, CSS, Socket.IO, Flask, REST API

TECHNICAL SKILLS

Programming Languages: Java, SQL, Python, JavaScript, Smalltalk, C, HTML, CSS, PHP, C#
Frameworks: React.js, Spring Boot, Flask, REST API, Socket.io, Bootstrap, WordPress
Software: Git, Jira, AWS EC2, Clerk, Stripe, VS Code, MATLAB, Linux Server, MySQL, Labware LIMS