Jim Jiang

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Education

Temple University   Aug 2020 – May 2024
Philadelphia, PA
Bachelor Degree
Concentration: Computer Science
Affiliations: Association for Computer Machinery (ACM),Temple Data Science Community

Professional Experience

Headstarter, Remote   Jul 2024 – Present
Software Engineer Fellow
-Built and deployed 5 AI projects in 5 weeks using React JS, Next.js, Firebase, Clerk, and Vercel, following agile methodologies with weekly sprints and incorporated CI/CD practices for iterative deployment.
- Led a team of 3+ engineering fellows to develop and deploy an interactive Olympic information system using Next.js and Llama AI, hosting the application on AWS EC2 servers to ensure scalability and reliability.
-Collaborated with 3 Fellows to build and deploy a SaaS product that generates dynamic flashcards on any topic using Llama AI, with Clerk for user authentication and Stripe for payment processing.
-Participated in weekly sessions with engineers from Google, Amazon, and venture-backed startups to gain insights into their company engineering experiences, and learn about strategies for success in the tech industry.

Labware, Wilmington, Delaware   Jun 2023 – Aug 2023
Software Engineer Intern
- Acquired proficiency in the Smalltalk programming through mentorship from industry veterans through applied understanding of algorithms and data structures.
- Implemented projects under mentor supervision, ensuring functionality and performance met project requirements.
- Collaborated with 5 other interns to design and develop fully interactive user interfaces based on client specifications to deliver quarterly goal.
- Continuously learn new technical skills and knowledge under the mentorship of senior team members to meet the evolving needs of the team and the platform.

Temple University, Philadelphia, PA   Aug 2023 - Dec 2023
Data Science Teaching Assistant
- Prepared weekly lab lectures to reinforce course content and provide assistance with lab assignments
- Graded assignments and provided constructive feedback on assignments for 60+ students by using the grading rubric provided by the instructor.
- Provide additional supports to students through conducting one-on-one sessions to address individual student questions.
- Promotes communication between faculty and student by communicating with faculty when there is a problem or concern, or need for clarification on course material.
- Facilitate instruction by implementing interventions and supplementary instruction that will address the identified needs of students.

Discord, Remote   May 2022 - Jan 2024
Tutor
- Mentored 10+ students through Temple University Discord Server with little to no supervision and provided great results.
- Conducted private one-on-one sessions via voice calls to help students grasps coding concepts through creative and tailor lessons based on the student's needs.
- Assisting students with the completion and understanding of assignments, additionally reviewing and reteaching concepts as necessary.
- Prioritize outcomes and student learning which achieved an average improvement of 10 percent in student homework assignment grades

Technical Projects

LeetCode Discord Bot | https:// github.com/ jimmy70111/ leetcode sql java bot   Jun 2024 – Jul 2024
- Designed and implemented a Discord bot to streamline LeetCode user interactions and information retrieval
- Developed automated features for daily problem notifications, user management, and leaderboards, with data stored in an SQL database
- Integrated LeetCode API for real-time interaction and hosted the bot 24/7 using Heroku
- Technologies Used: Java, Maven, SQL, MySQL, Git, REST API

TrillTyper | https://github.com/Capstone-Projects-2024-Spring/project-thrilltyper   Jan 2024 – May 2024
- Developed an online typing racer game web application, ThrillTyper, offering various single-player and multiplayer modes including robot opponent mode, custom mode, dynamic mode, and online multiplayer
- Designed and implemented user authentication, account management, dashboard, and leaderboard features
- Integrated WebSocket technology for seamless real-time communication, enhancing multiplayer gameplay
- Technologies Used:JavaScript,Python, HTML, CSS, Socket.IO, Flask, REST API

TFT Discord Bot | https://github.com/cis3296f23/03-TFTDiscordBot   Oct 2023 – Dec 2023
- Designed and developed a Discord bot tailored for Teamfight Tactics (TFT) by Riot Games, a popular multiplayer strategy game
- Engineered dynamic features, enabling real-time retrieval of TFT game data through Riot Games' APIs
- Created specific bot commands such as Summoner, Item, Component, Match, Help, Droprates, and Rank to enhance user's experience and provide comprehensive TFT game statistics
- Technologies Used: Python, REST API,Git

Skills

Programming Languages: Java, SQL,Python,JavaScript, Smalltalk, C, HTML, CSS
Frameworks: Angular, React.js, Spring Boot , Flask, Rest API, socket.io
Software: Git, VS Code, MATLAB, Linux Server, MySQL, Labware LIM