Deep Dhorajiya

in LinkedIn | 📱 415-539-7090 | ✉ deepdhorajiya2@gmail.com | ⊙ GitHub

Skills

- Java | C | C++| C# | Python | JavaScript | Ruby | PHP | Scheme | HTML | CSS | MYSQL | SQL Server | Git | GitHub | Oracle | MongoDB
- Node.js | React.js | Express.js | Angular.js | JQuery | Spring Boot | JSP | Bootstrap | WordPress | AWS | Google Cloud | LINUX | UI/UX
- Frontend | Backend | Full-Stack | English, Hindi, Gujarati – *All professional proficiency or above*

Experience

Software Development Intern | *GAOTek Inc.*   **06/2023 - Present**
- Devised a custom output format using JSON formatting that streamlined the transfer of extracted information into an applicant tracking system (ATS), saving the company an average of 1.5 hours per day in manual data entry.
- Conducted extensive research on the use of infrared thermometers and cameras in recreational settings, analyzing case studies to identify key insights that were used to inform product development decisions.
- Demonstrated proficiency in data parsing and manipulation in Python, ensuring accurate extraction of relevant data.

Teaching Assistant | *San Francisco State University*   **01/2021 - Present**
- Mentor and provide guidance to a diverse group of approximately 50 students on various topics related to calculus and pre-calculus.
- Grade weekly assignments/exams and provide answer keys to the pre-calculus and calculus classes.
- Conducted regular one-on-one or group mentoring sessions to address individual learning needs, clarify concepts, and provide additional support.

Education

San Francisco State University   **San Francisco, CA**
Bachelor of Science in Computer Science   *Expected 12/2023*
- **Relevant coursework:** Computer Programming, Software Development, Operating System, Object-Oriented Design, Data Structures and Algorithms, Machine Structures, Web Software Development, Programming Methodology, Computer Networks, Human-Computer Interaction, and Natural Language Processing.
- **Academic Organizations:** SF Hacks, Google Developer Student Club, Major League Hacking

Projects

Network Traffic Analysis | *C, LINUX, Wireshark, Git*   **04/2023 - 05/2023**
- Configured Linux OS sockets in packet mode, facilitating the successful capture of over 100,000 data packets per day for analysis with Wireshark.
- Demonstrated understanding of IP addressing format (e.g., 192.168.1.xxx) and retrieving IP addresses using the ifconfig command.

Word Predictor | *Python, NLP, NLTK*   **02/2023 - 03/2023**
- Engineered and integrated a cutting-edge bigram language model into the word prediction algorithm, achieving an unprecedented accuracy boost of up to 20% compared to conventional methods.
- Conducted extensive testing and validation of the word predictor's algorithms, resulting in a highly optimized system that generates accurate predictions in milliseconds.
- Collaborated with cross-functional teams to develop innovative features such as auto-suggestion and context-based prediction.

Gators Meetup | *Java, React.js, MySQL, GitHub*   **09/2023 - 12/2023**
- Developed and executed a comprehensive website design strategy, leveraging Java, React.js, MySQL, and GitHub to create a platform that allowed college students to form groups and schedule meetings based on their preferences quickly.
- Collaborated with a team to gather requirements, create wireframes, and implement user interface designs that align with user preferences and needs.

Tank Game | *Java, GitHub*   **03/2022 - 05/2022**
- Developed a tank game utilizing complex object-oriented programming concepts, including inheritance and polymorphism.

GUI Calculator | *Java, GitHub*   **01/2022 - 02/2022**
- Designed and implemented advanced algorithms using tokens and stacks to develop a graphical user interface (GUI) calculator.
- Improved the user experience by optimizing the GUI for easy navigation, leading to a 35% increase in user satisfaction and usability.

ExpressJS/ NodeJS Web | *JavaScript, CSS, HTML, NodeJS, ExpressJS, MySQL, GitHub*   **04/2021 - 05/2021**
- Designed and developed a social media website for users to post, comment, and like photos and videos.
- Implemented a software stack to run the web application with optimal performance and scalability, improving user engagement and reducing page load time.

Certifications/Awards

- JPMorgan Software Engineering Virtual Experience Program on Forage   **06/2023**
- Golden Gator Award - SFSU   **04/2023**
- Frontend Web Development Bootcamp at freeCodeCamp   **03/2023**