

Deep Dhorajiya

Mobile : +1-415-539-7090

Email: deepdhorajiya2@gmail.com

Portfolio: <https://deepdhorajiya.netlify.app/>

LinkedIn: [linkedin.com/in/deep-dhorajiya](https://www.linkedin.com/in/deep-dhorajiya)

GitHub : github.com/ddhorajiya

EDUCATION

- **San Francisco State University** San Francisco, CA
Bachelor of Science in Computer Science *Jan. 2020 – Dec. 2023*
 - **Coursework:** Computer Programming, Software Development, Operating System, Data Structures & Algorithms, Machine Structures, Web Software Development, Programming Methodology, Computer Networks, Natural Language Processing.
 - **Dean's Scholar List:** Spring & Fall 2023, Spring 2022, Spring 2021, Spring & Fall 2020

PROGRAMMING SKILLS

Languages: Java, C, C++, Python, JavaScript, HTML, CSS, SQL, Golang

Technologies / Frameworks: Node.js, React.js, Express.js, Angular.js, JQuery, MongoDB, GraphQL, Docker

Developer Tools: VS Code, PyCharm, Anaconda, Android Studio, AWS, Google Cloud Platform

Libraries / Other: Pandas, NumPy, Jenkins, REST APIs, Bootstrap, Azure, UI/UX, CI/CD, Kubernetes

EXPERIENCE

- **San Francisco State University** San Francisco, CA
Teaching Assistant *Jan. 2021 - Dec. 2023*
 - Guided and mentored a diverse group of approximately 50 students on various topics related to calculus and pre-calculus.
 - Conducted regular one-on-one mentoring sessions to offer tailored support, addressing specific challenges and reinforcing key mathematical concepts.
- **GAOTek Inc.** New York, NY (Remote)
Software Development Intern *May 2023 - Aug. 2023*
 - Played a crucial role in developing events management software using MySQL, PHP, and MS Web services, contributing to the creation of a robust and efficient platform.
 - Worked as software support, maintaining APIs in ANSI-C and related documentation for hardware and network applications.
 - Identified and corrected discrepancies between technical and functional design documentation, ensuring alignment with implementation and API specifications.
 - Served as a team lead for a group of interns, coordinating workflow using Kanban boards and fostering effective collaboration within the team.

PROJECTS

- **Cara — HTML, CSS, JavaScript**
 - Developed and implemented a professional and responsive full-stack website utilizing modern CSS techniques, including Flexbox and CSS grid for layout, resulting in a visually stunning design and improved user experience.
 - Implemented core e-commerce features, such as product listings, cart management, and a secure checkout process.
 - Integrated (CI/CD) pipeline practices into the development process, automating a series of crucial steps required for software delivery. This streamlined the software development life cycle, ensuring efficient and error-free releases.
- **Network Traffic Analysis — C++, LINUX, TCP/IP, Wireshark, Git, Docker**
 - Configured Linux OS sockets in packet mode, facilitating the successful capture of over 100,000 data packets per day for analysis with Wireshark. Analyzed network traffic within private IP ranges (e.g., 10.0.0.0/8) as specified in RFC1819.
 - Successfully executed and validated the functionality of the custom program for capturing and printing the first 42 bytes of incoming IP and ARP packets.
 - Implemented TCP/IP protocol stacks in Linux, configuring sockets in packet mode, and building a network stack without disrupting normal network operation.
- **Word Predictor — Python, Pandas, Anaconda, Machine Learning, NLP, NLTK**
 - 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.
- **Gators Meetup — Java, React.js, MySQL, GitHub**
 - 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.

LEADERSHIP/EXTRACURRICULAR

- **Virtual Internship:** JPMorgan Software Engineering Virtual Experience Program on Forage.
- **Organizations:** Actively engaged in SF Hacks, Google Developer Student Club, and Major League Hacking, contributing to collaborative projects and fostering a vibrant community of tech enthusiasts.