

Deep Dhorajiya

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Education

San Francisco State University

San Francisco, CA

Bachelor of Science in Computer Science

Expected Dec. 2023

- **Relevant coursework:** Computer Programming, Software Development, Operating System, Data Structures and Algorithms, Machine Structures, Web Software Development, Programming Methodology, Computer Networks, Natural Language Processing.
- **Academic Organizations:** SF Hacks, Google Developer Student Club, Major League Hacking.

Skills

- **Languages:** Java | C | C++ | Python | JavaScript | HTML | CSS | SQL | Golang
- **Technologies / Frameworks:** Node.js | React.js | Express.js | Angular.js | JQuery | MongoDB | GraphQL | LINUX | Kubernetes | 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

Experience

Software Development Intern | GAOTek Inc.

May 2023 - Aug. 2023

- 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.
- Demonstrated expertise in Scrum frameworks and Agile methodologies, with a proven track record of successfully collaborating with cross-functional teams to optimize order fulfillment processes.
- Played a vital role in the development of events management software, utilizing **MySQL**, **PHP**, and **MS Web services** to create a robust and efficient platform.
- Conducted research on infrared thermometers and cameras, providing key insights for product development.
- Proficiently handled data parsing and manipulation in **Python** for **accurate** data extraction.

Teaching Assistant | San Francisco State University

Sept. 2022 - 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 and group mentoring sessions to address individual learning needs, and provide additional support.

Projects

Weather App | Android Studio, XML, JavaScript, FireBase

July 2023 - Aug. 2023

- Created a weather app with a search box feature that allows users to enter the name of a city and **fetch** real-time weather data from the OpenWeatherMap **API**.

Cara (E-Commerce website) | HTML, CSS, JavaScript, MySQL

June 2023 - July 2023

- 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.
- Leveraged technologies like **XAMPP** for server-side scripting and **PHPMyAdmin** for MySQL **database** administration to create a robust and scalable platform.
- 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, Wireshark, Git, Docker

Apr. 2023 - May 2023

- 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.
- Demonstrated understanding of IP addressing format (e.g., 192.168.1.xxx) and retrieving IP addresses using the ifconfig command.

Word Predictor | Python, Machine Learning, NLP, NLTK

Feb. 2023 - March 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**.

Gators Meetup | Java, React.js, MySQL, GitHub

Sept. 2022 - Dec. 2022

- 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

- **SF Hacks:** Organized a 3-day Hackathon with 50+ tech enthusiasts to showcase and discuss sustainable and innovative solutions.
- JPMorgan Software Engineering Virtual Experience Program on Forage.