

David Jeong

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WORK EXPERIENCE

Blue Mountain

June 2023 – August 2023

Software Engineer Intern

Fremont, CA

- Developed a data integration solution for private healthcare practices, centralizing patient data from disparate sources using MySQL and Node.js
- Streamlined marketing efforts by creating automation scripts (triggered and drip sequences) with Nodemailer
- Designed and implemented a geovisualization tool to map patients using Leaflet.js and D3.js to enhance targeted advertising campaigns

Kay Family & Cosmetic Dentistry

June 2022 – December 2022

Web Developer

Fremont, CA

- Developed and deployed a dynamic website for a dental practice using React, Node.js and MySQL, focusing on real-time appointment scheduling integrated with OpenDental API
- Designed responsive landing pages for Google Ads campaigns and optimized ad spending, resulting in a 32% increase in conversion rates

PROJECTS

Website Portfolio | *React, Typescript, Tailwind*

- Built a personal website, concurrently updating with any recent projects, resume, blogs, and creative work

Veridrop | *React, Node.js, Postgres*

- Developed an application that verifies potentially dropshipped products on platforms such as Amazon and eBay
- Cross-referenced data collected from SERP APIs with image matching to tag product credibility
- Built a user interface using React and Tailwind for the frontend— Node.js and Postgres for the backend

Automated File Organizer | *S3, DynamoDB, Lambda*

- Developed an AWS application that automatically organizes user files into folders by analyzing file metadata
- Utilized S3 buckets for file storage, DynamoDB for data persistence, and AWS Lambda functions for automated file processing and organization

Pulse Music | *Python, Swift, SQL, Postman*

- Collaborated with developers to develop a full-stack iOS Spotify app that displays a location-based chart of the most popular songs in the user's current area
- Developed the backend using SQLAlchemy and REST API to retrieve from Spotify's API and was then deployed using Heroku and Postman

Habitu | *Java, Apache, MySQL*

- Worked with classmates to build a subleasing platform for college students with 3-tier architecture
- Utilized a frontend served by Apache to streamline property listings and user authentication, and MySQL for managing the backend database

EDUCATION

Cornell University

Ithaca, NY

Bachelor of Arts in Data Science & Minor in Computer Science

August 2020 - May 2024

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, TypeScript, Java, C, SQL, HTML, CSS
- **Technologies:** Git, React, Node.js, D3.js, MySQL Workbench, Postgres, Postman, Docker, Pandas
- **Skills:** Web Development, Web Scraping, Data Analysis