

# David Jeong

(650) 335-5835 | [davidsjeo@gmail.com](mailto:davidsjeo@gmail.com) | [davidsjeo.com](https://davidsjeo.com) | [linkedin.com/in/davidsjeo](https://linkedin.com/in/davidsjeo)

## WORK EXPERIENCE

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### Blue Mountain

June 2023 – August 2023

*Software Engineer Intern*

*Palo Alto, CA*

- Developed a data integration solution for private healthcare practices, centralizing patient data from various sources using MySQL and Node.js
- Created automation scripts (triggered and drip sequences) with Nodemailer for outreach efforts
- Designed and implemented a geovisualization tool to map patient locations using Leaflet.js and D3.js for 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 Postgres, 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

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### Website Portfolio | Vite, React, Typescript, Tailwind

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

### Dropshipping Verification App | React, Node.js, Javascript, Postgres

- Developed an application that verifies potential drop shipped products on e-commerce platforms
- 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

### 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

### Automated File Organizer | S3, DynamoDB, Lambda

- Developed an AWS application that automatically categorizes and 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

### Habitu | Java, Apache, MySQL

- Worked with developers 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

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### Cornell University

Ithaca, NY

*Bachelor of Arts in Data Science & Minor in Computer Science*

*August 2020 - May 2024*

## TECHNICAL SKILLS

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- **Languages:** Python, JavaScript, TypeScript, Java, C, SQL, HTML, CSS
- **Frameworks & Libraries:** Vite, React, Node.js, D3.js, Tailwind CSS, Framer Motion, Pandas
- **Tools & Platforms:** Git, GitHub, MySQL Workbench, Postgres, Postman, Docker
- **Skills:** Web Development, Web Scraping, Data Analysis