

Demetrios Kopatsis

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EDUCATION

Oregon State University

Corvallis, OR

Bachelor of Science in Computer Science

June 2022 – Present

- Current Institutional GPA of 3.82/4.00
- Relevant Completed Coursework: Discrete Structures, Assembly Language, Web Development, Data Structures, Software Engineering I & II, Computer Networks, Database Administration, and Cloud Application Development
- Member of College of Engineering and Computer Science Honor Roll List

California Polytechnic State University

San Luis Obispo, CA

Bachelor of Science in Business Administration

Sept 2016 – June 2020

- Dual Degree Concentration in Financial Management and Accounting

EXPERIENCE

E-Commerce Product Data Coordinator

Glendale, CA

LA Balloons

May 2023 – Present

- Created internal PostgreSQL database for product, collection, and customer data, with Excel as a graphical output
- Developed an application in Go to bridge image/other media data between Dropbox and Shopify via their respective APIs, eliminating the time-consuming need for manual data transfer
- Utilized Go and PostgreSQL to create an internal monthly sales reporting application based on customer types, utilizing Microsoft Excel as an output for end user presentation
- Organized and grew a product tagging system for increased search engine optimization (SEO)
- Began and managed product data and listings via additional sales channels of Walmart, Etsy, and Amazon

COVID Vaccine and Testing Administrator

Los Angeles, CA

AMI Expeditionary Healthcare

Jan 2022 – June 2022

- Directed management of student and staff COVID vaccination and testing data within LAUSD district database
- Collaborated with elementary, middle, and high school administrative staff to guide logistics for in-school testing and vaccination services across the San Fernando Valley region of the district
- Comprehensively trained in protocols for COVID PCR/Rapid Tests and Moderna Vaccines

PROJECTS

EZPZ URL Shortener: shqrl.co | Go, Gin, Google Cloud, Datastore, SvelteKit, Auth0

Jan 2024 – Present

- SvelteKit project that generates non-expiring shortened URLs with click analytics tracking and QR Code generation in addition to persistent storage of past generated URLs which includes search filtration and soft-deletion of entries
- Utilized Auth0 as provider on front-end for optional login/logout using email, Google, and other SSO providers
- Created API microservice for analytics and persistent URL storage with Go/Gin, hosted on Google Cloud
- Used Cloudflare Pages for custom domain and automatic production deployment for GitHub repository commits

i9 Fitness | Go, Gin, MongoDB, AWS Cognito, SvelteKit, Ionic Capacitor, Electron

Sept 2023 – Present

- Developed application for intelligently generated bodyweight high intensity interval training routines based on user levels and workout history, with constant adaptation to user feedback
- Go and Gin Gonic utilized for backend and API routes in addition to MongoDB for exercise and user database
- AWS Cognito used for user login/logout as well as resource protection for private endpoints
- [In progress] front-end using SvelteKit for web, adapted with Capacitor for mobile and Electron for desktop

TECHNICAL SKILLS

Languages: Golang, Python, Java, JavaScript/TypeScript, C++, SQL, HTML/CSS, CISC Assembly

Frameworks/Databases: Gin Gonic, React, Svelte, Flask, Spring Boot, MySQL, PostgreSQL, MongoDB

Developer Tools: Git, GitHub, Docker, Google Cloud, Cloudflare Pages, Jira, Postman, JUnit, PyUnit

Other Technologies: Microsoft Excel, Access, Power BI, & other Office Suite products, Adobe Photoshop