

Demetrios Kopatsis

818-626-6572 | d@kopatsis.com | linkedin.com/in/demetrios-j-kopatsis | github.com/kopatsis | kopatsis.com

EDUCATION

Oregon State University

Corvallis, OR

Bachelor of Science in Computer Science

June 2022 – Present

- Current Institutional GPA of 3.81/4.00
- 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

i9 Fitness | Go, Gin, MongoDB, Svelte, Swift, Kotlin

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
- Auth0 used for user login/logout as well as resource protection for private endpoints
- [In progress] front-end applications using Swift for iOS, Kotlin for Android, and Svelte for web app

Balloon REST API | Go, Gin, Google Cloud, Datastore, JavaScript, Docker, Postman

Aug 2023 – Dec 2023

- REST API created with Go and Gin Gonic to model balloon, collection, and user entities with relationships, using JWT verification for protected endpoints for CRUD operations, connected to Google Cloud Datastore
- Utilized Auth0 as provider on front-end for user login/logout and JWT generation, used in protected endpoints
- Created Docker container for API for deployment on Google Compute Engine instance
- Used Postman to make and export comprehensive test suite for all endpoints and functionalities

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, Postman, JUnit, PyUnit, VS Code, Neovim, PyCharm, Eclipse

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