

2026 Resume

David Gordon

Business Systems Engineer

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Design automation for low-volume, high-variability systems. Create internal software that replaces manual workflows and supports a 40 person primary company and 150+ person subsidiary network including Snowflake infrastructure, a live refresh CRM, payroll automation, revenue workflow automation, and internal applications used by sales agents, customer service, and executives.

Experience:

Start New Financial - Business Systems Engineer / Data Engineer

2024-Present

- Built automated flow which takes offers from creditors, matches it to live cashflows and returns offers to creditors without any human intervention. This settlement flow used to be a 12 person negotiations team. The flow has been responsible for over 55% of the company's total revenue acquisition since the beginning of 2026; over \$20 million worth of fee collection.
- Designed and built Snowflake based data infrastructure which has grown to house over 100M rows of cashflow, customer, and company data. This has massively improved the ability to make data driven decisions.
- Built Otter Dolphin, a secure internal CRM and BI platform with realtime data from 3 separate api data pipelines. It is has over 40 users including sales representatives, and executives across 2 companies.
- Developed backend API integrations with live refresh allowing real time data on enrollments from our payment processor, and live data from Dialpad. Allowing managers to make real time decisions based on conversion ratios of their sales floor(s).
- Built payroll calculation automation for complex commission based compensation structure, replacing month long manual calculation previously handled by 2 employees which calculates payroll for over 100 sales representatives.
- Built secure document retrieval and account automation tools improving efficiency across operations of the company.
- Built organic settlement automation in one week, when the payment processing company failed to complete the project after a full year of development.
- Identified software flaws in external payment processor systems, preventing the loss of and recovering millions of dollars.

Selected Projects:

Argo Delivery - Founder / Mobile App Developer

- Built and launched a business to customer delivery app connecting high cost local markets with lower cost purchasing options.
- Published the app on the App Store, generating approximately 72 downloads and \$10k in revenue.
- Designed a multi order delivery model to reduce long distance delivery costs while maintaining profitability.

Computer Vision Snack Stand - Automated Retail Checkout System

- Built an automated checkout system using customer-recognition and object detection workflows to identify purchases and send invoices.
- Combined computer vision, automation, billing logic, and real world operational testing in a physical retail environment.

EDF Aircraft Prototype - Fusion 360 & 3D Printed RC Aircraft modeling

- Designed and prototyped an EDF-powered RC aircraft using Fusion 360 and additive manufacturing.

Technical Skills

Data and automation: SQL, Snowflake, data modeling, business process automation, operational analytics, dashboard generation

Software and Tools: SQL proficiency, Python for automation and analytics, Snowflake Streamlit, Git, Excel, Snowflake.

Engineering & Prototyping: Fusion 360, 3D Printing, computer vision workflows

Education & Certifications

University of San Diego, - BBA in finance, 2025

UCLA - Emergency Medical Technician Certification, 2024 (current)

Crossfit Level 2 Trainer

Padi Advanced Open Water Diver

Level 3 USHPA Paragliding License

Selected Athletic & Mountaineering Achievements

2026 UTMB Verbier 100M Ultra Marathon Finisher

2026 Crossfit Games Semifinals Athlete

Arc of Attrition 50-Mile Ultramarathon Finisher

Solo ascents of the Matterhorn, Mont Blanc, Eiger, and Grand Teton

Ironman California 2024 finisher - 5th place AG Ironman 73.2 Tempe