

# AIDAN DEVANEY

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## Education

University of California, Davis

Expected June 2026

Bachelor of Science in Computer Science, Minor in Technology Management

Davis, CA

## Relevant Coursework

- Technology Management; Software Development & Object-Oriented Programming; Data Structures & Algorithms; Information Technology; Statistical Modeling; Programming Languages

## Experience

### Solidigm

April 2025 – Present

Project Manager (Contract)

Remote

- Led development of a LlamaIndex-based NLP pipeline to ingest and classify unstructured data into a vector database, achieving 92% faster semantic retrieval.
- Implemented accuracy evaluation metrics and a developer-focused, optimizing metadata extraction and pipeline efficiency.

### CodeLab

May 2024 – Present

Software Education Lead

Davis, CA

- Created a comprehensive education platform for a cohort of 100+ developers, designers, and project managers teaching full-stack development of mobile and web applications.
- Developed 25+ modules including Dart, Flutter, TypeScript, APIs, React, CSS, Next.js, AI/ML, and Git Workflows.

### UC Davis Supply Chain Management

Sept. 2023 – Present

Solutions and Financial Analysis Assistant

Davis, CA

- Developing a data control app managing integration pipelines into Oracle and Concur using Next.js, GraphQL, and PostgreSQL in conjunction with the UC Davis AdminIT team.
- Engineered and implemented an automated internal tool utilizing the Pandas and Tkinter Python libraries, reducing task turnaround time by 85%.
- Managing financial data analytics for 25 departments with over \$1.1 million in reconciliation efforts while providing outreach to internal and external stakeholders.

### Chevron

Jan. 2025 – May 2025

Technical Project Manager (Contract)

Remote

- Led a cross-functional team of 11 in developing a distributed geospatial web scraper processing 100+ location queries per week, increasing data accuracy by 2x, and cutting search time by 97%.
- Facilitated communication between engineering team and Chevron stakeholders to align technical and business requirements across departments.

### Brand Networks

Oct. 2024 – Dec. 2024

Project Management Intern

Remote

- Managed an Agile team of 10 leveraging Next.js, PostgreSQL, Redis, and Docker to overhaul a digital advertisement optimization tool during an 8-week development sprint.
- Implemented Dockerized CI/CD pipelines in an AWS ecosystem, streamlining automated deployments.

## Projects

Distributed Geospatial Data Scraper | Next.js, Docker, RabbitMQ, Kubernetes, FastAPI, Pandas

2025

- Distributed market research web app developed for Chevron Renewable Energy.

Fathership.dev | Ruby on Rails, PostgreSQL, AWS RDS & EC2, Heroku, OpenAI API

2024

- Web app using a fine-tuned GPT API to provide a space to talk to a father figure anytime, anywhere.

## Certifications

Certified Associate in Project Management (CAPM)

Sept. 2023

Project Management Institute (PMI)

Certified ScrumMaster (CSM)

Sept. 2023

Scrum Alliance

Security+

Aug. 2024

CompTIA

California Seal of Biliteracy, Spanish

June 2022

State of California