

Aidan M. DeVaney

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CORE COMPETENCIES

- Agile Project Management
- MongoDB | AWS | PostgreSQL
- Node.js | React | Express.js
- Effective technical communication across varying expertise levels
- Ruby | Ruby on Rails
- Python | Pandas | BeautifulSoup
- Conversational Spanish

WORK EXPERIENCE

- Software Education Lead**, CodeLab, Davis, CA (May 2024 - Present)
- Creating a comprehensive education platform for a cohort of 100+ developers, designers, and project managers teaching full-stack development of mobile and web applications.
 - 25+ modules include Dart, Flutter, TypeScript, APIs, React, CSS, Next.js, AI/ML, Git Workflows.
- Solutions and Financial Analysis Assistant**, UC Davis Supply Chain Management, Davis, CA (Sept 2023 - Present)
- Engineered and implemented an automated internal tool utilizing the Pandas and Tkinter Python libraries, reducing task turnaround time by 85%.
 - Assisting in data analysis, migration, and cleanup during the cutover between the Kuali and Oracle platforms with a target of zero data loss.
 - Managing financial data analytics for 25 departments with over \$1.1 million in reconciliation efforts while providing outreach to internal and external stakeholders to resolve discrepancies.
- Software Engineer**, CodeLab, Davis, CA (Sept 2023 - Jun 2024)
- Leveraged the MERN stack with a 10-member Agile team to develop a mobile application to streamline students' on-campus dining options based on allergens and nutritional needs.
 - Delivered an easy and convenient way to find on-campus meals to meet 9000 students' dietary needs.
- Analytical and Clerical Support**, UC Davis Registrar, Davis, CA (Aug 2023 - Oct 2023)
- Handled confidential data entry into an internal Banner database.
 - Managed ticket system and provided in-person and remote customer support for hundreds of customers.

PROJECTS

- Fathership** - Web app using a fine-tuned GPT API to provide a space to talk to a father figure anytime, anywhere.
- **Technologies Used:** Ruby on Rails, Ruby, Tailwind CSS, PostgreSQL, AWS RDS & EC2, Heroku, OpenAI API
- Payment Processing** - Employee financial services web app I'm developing with UC Davis Admin IT.
- **Technologies Used:** Next.js, GraphQL, React, Node.js, TanStack UI, Tailwind CSS
- Aggie Dining** - Mobile app providing easy allergen and nutrition information on UC Davis dining hall menus.
- **Technologies Used:** React Native, Express.js, Typescript, Tailwind CSS, BeautifulSoup, MongoDB

EDUCATION

- University of California, Davis** - Bachelor of Science, Computer Science (Expected Jun 2026)
- UC Davis Graduate School of Management** - Minor, Technology Management (Expected Jun 2026)
- Relevant Coursework:** Technology Management; Software Development & Object-Oriented Programming in C++; Data Structures, Algorithms, & Programming; Algorithm Design & Analysis; Managing & Using Information Technology; Probability & Statistical Modeling for Computer Science

CERTIFICATIONS

- Certified Associate in Project Management (CAPM)**, Project Management Institute (PMI) (Sept 2023)
- Certified ScrumMaster (CSM)**, Scrum Alliance (Sept 2023)
- Security+**, CompTIA (Aug 2024)
- California Seal of Biliteracy, Spanish** (Jun 2022)