James Bradford

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PROFILE

Motivated computer science student skilled in Python, AWS, and Java Script. Passionate for software and data engineering while leveraging cloud services. Seeking experience to further develop my technological skills and contribute in a hands-on work environment.

EDUCATION

B.S. in Computer Science, University of California, Davis

Davis

- Rising senior at University of California, Davis with 3.66 Cumulative GPA
- Expected graduation: June 2025

LANGUAGES

JavaScript	R/SQL
Python	C/C++

PROJECT

Mar 2024 — Apr 2024

Spotify Data Pipeline Analysis

- Built a data pipeline using Amazon Web Services to analyze Spotify data. Used S3 for data staging, AWS Glue for ETL processes, Glue Crawler for schema detection, and Amazon Athena for querying once data was stored in a MySQL database. Visualized data with Amazon QuickSight.

Jan 2023 — Mar 2023

Task Scheduler

- Developed a C++ application for efficient task scheduling and management, as part of a team project.
- Implemented core functionalities including task addition, editing, deletion, and conflict resolution within the Schedule and Task classes.
- Elected Team leader and utilized GitHub to assign roles to group members
- Conducted unit testing with Google Test to ensure functionality and reliability, resulting in positive feedback during class demonstrations.

CERTIFICATIONS

Amazon Web Services - Cloud Practitioner

- Issued 2024
- Pursuing Associate Level Cloud Developer certification

EMPLOYMENT HISTORY

Jul 2023 — Mar 2024

Co-Founder, CMPLT Solar

Davis

- Co-founded a solar energy startup focused on direct B2C sales, utilizing warm leads, cold outreach, and personalized consultations to effectively expand our customer base and drive market penetration with innovative solar solutions.

EXTRACURRICULAR ACTIVITIES

Polynesian Club

UC Riverside

- Organized and and participated in cultural events to promote awareness and appreciation of Polynesian culture.
- Coordinated with club members to plan and execute community outreach programs.

LINKS

- LinkedIn: www.linkedin.com/in/james-bradford-006447245