

Chase M. Peak

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EDUCATION

California Polytechnic State University, San Luis Obispo

Bachelor of Science Degree in Applied Mathematics - Minor in Computer Science

Fall 2020

GPA: 3.34

SKILLS

Programming Languages: Python, SQL, Javascript, Bash, Java

Tools/Software: Amazon Web Services, AWS CLI/SDKs/CDK, Git, Lucidchart, React Native

PROFESSIONAL CERTIFICATIONS

AWS Certified Solutions Architect – Associate

Jan 2020

WORK EXPERIENCE

AWS Architect - Contract

Dec 2021 – Present

[Studio 12](#)

- Collaborate with development leaders and AWS Partners to design a HIPAA/HITRUST-compliant architecture for big-data analytics.
- Research latest data & security resources from AWS to build reliable and cost-effective solutions for our customers.

Lead AWS Developer

Apr 2021 – Present

[California Cybersecurity Institute](#)

- Drive AWS Dev team of 8 students through an agile SDLC to efficiently roll out new features and serverless architecture upgrades.
- Optimize our software design to eliminate wasted compute resources and reduce account costs by nearly 40%.
- Assess account security and invoke best practices from the AWS well-architected framework to promote cloud security and limit cyber risk.

Mobile App Developer

Mar 2021 – Present

[Grizzly Youth Academy](#)

- Execute full-stack feature requests to support the serverless mobile application backed by GraphQL APIs & Amazon Aurora.
- Communicate technical requirements and best design practices to a variety of business interests along development cycles.
- Refactor the existing application architecture to abstract database and API schemas for simplified extension and replication.

Lead Solutions Architect Intern

Apr 2019 – Apr 2021

[Digital Transformation Hub](#)

- Lead student projects through involvement in development and testing, customer engagement meetings, and value-realization/presentation to provide a quality MVP to our customers.
- Analyze member accounts provisioned in AWS Organizations through the management console and AWS CLI to minimize costs and to verify permitted activities through AWS CloudTrail.
- Develop AWS CloudFormation templates to replicate the architecture, and scripts with the AWS SDK to expedite tedious manual tasks and share efficient solutions with customers.

CLOUD SOLUTIONS PROJECTS

[Cal Poly COVID Dashboard:](#)

- Interfaced with Cal Poly Administration and ITS to establish a secure PHI data-ingestion model with a cost-effective reporting platform.
- Designed & Implemented a production-ready and highly-available static website in Amazon S3 with a CloudFront distribution in 4 weeks to provide critical COVID statistics to the community.

LEADERSHIP / CAMPUS INVOLVEMENT

Math Club, President

Sep 2017 – June 2020

Cycling Club, Member

Sep 2016 – June 2020