Sebastien Adam

Seattle, WA | sebastien1adam@gmail.com | /in/sebastien-adam-106928199/ | github.com/SanAdams

EDUCATION

University of Central Florida Orlando, FL
Bachelor of Science in Information Technology *August 2020 – May 2024*

- 2-time recipient of UCF's Black and Gold Grant
- **Relevant Coursework: Enterprise Computing, Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Relational Databases**

EXPERIENCE

Software Engineering Fellow July 2024 – Present
Headstarter *Remote*

- Built 5 AI apps and APIs using NextJS, OpenAI, Gemini, Pinecone, StripeAPI with 98% accuracy as evaluated by Senior Engineers
- Developed projects from design to deployment leading 3+ engineering fellows using MVC design patterns
- Coached by Engineers from Amazon, Bloomberg, Capital One, and DoorDash on Agile, CI/CD, Git, and microservice patterns
- Applied insights from Senior Engineers to develop AI applications utilizing using previously mentioned patterns, achieving a 50% increase in deployment frequency.

PROJECTS

Cloud Resume Challenge | *Terraform, HTML, CSS, GitHub Actions, Python, JavaScript, AWS* June 2024 – Present

- Hosted static resume website using S3 bucket
- **Developed CI/CD Pipeline** to sync HTML/CSS changes to S3 bucket hosting resume website using **GitHub Actions**
- Leveraged **IaC** tooling (**Terraform**) to provision and configure AWS Resources (Lambda, API Gateway)
- Developing CI/CD Pipeline for back-end code to update Terraform modules and AWS resources when changes are made
- Wrote Python using AWS SDK (Boto3) for use in Lambda function to perform CRUD operations on DynamoDB table in back-end
- **Configured API** using API Gateway to route front-end requests to correct API endpoints

Three Tier Distributed Web Application | *HTML, Apache Tomcat, Java, MySQL, JSP* November 2023 – December 2023

- Engineered a robust three-tier distributed web application, that served different web pages based on credentials provided at login
- Implemented principle of least privilege by restricting CRUD permissions on database to specific authorized users

CERTIFICATIONS

AWS Certified Cloud Practitioner 2024 - 2027
ISC2 Certified in Cybersecurity 2024 - 2027
AWS Solutions Architect Currently Pursuing

TECHNICAL SKILLS

Languages: Java (proficient), Python (proficient), C (prior usage), SQL (proficient), JavaScript (prior usage), HTML/CSS (prior usage)
Technologies/Frameworks:Material-UI, Terraform, GitHub Actions, CI/CD, Apache Tomcat, AWS, Next.js