

Connor Coop

connorcoop0@gmail.com | (727) 871-4493 | St. Pete, FL | [linkedin.com/in/connorcoop](https://www.linkedin.com/in/connorcoop) | github.com/connorcoop0

EDUCATION

Bachelor's in Computer Science | Minor: Communications | GPA: 3.23 (Major)

Florida State University | **December 2024**

Relevant Coursework

- Software Engineering, Data Structures, Databases, Artificial Intelligence, Mobile Programming (Android)
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SKILLS/CERTIFICATIONS

- **Certifications:** AWS Certified Solutions Architect, AWS Certified Cloud Practitioner
 - **Programming Languages:** C++, Python, MySQL, HTML, CSS, Unix/Linux scripting
 - **Frameworks & Libraries:** React, Node.js, Express, MongoDB
 - **Tools:** Android Studio, Git, Visual Studio Code, GitHub Copilot (AI-assisted coding & automation)
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PROJECTS

Personal Website | SERVERLESS AWS ARCHITECTURE | [Website Link](#) | [GitHub Link](#)

- Deployed a fully serverless Flask web application on AWS, utilizing S3, CloudFront, API Gateway, and Lambda
 - Configured S3 for static website hosting with secure HTTPS delivery through CloudFront and custom domain management via Route 53.
 - Built serverless backend APIs using API Gateway and Lambda to log visitor metrics into DynamoDB.
 - Developed custom JavaScript to fetch real-time visitor data via APIs and dynamically update the frontend.
 - Integrated DynamoDB to securely store unique visitor records and surfaced live visitor analytics directly on the website.
 - Optimized global content delivery with CloudFront caching, compression, and SSL security, leveraging AWS Certificate Manager (ACM) for automated certificate renewal.
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WORK EXPERIENCE

Cloud Intern | Ascend IT Group | March 2025 – Present

- Earned AWS Solutions Architect – Associate certification
- Participated in internal discussions around cloud certifications and learning paths
- Gained exposure to AWS services and best practices through mentorship and self-study

Intern | Bay Shellfish Co. | August 2024 – November 2024

- Processed and organized over 12 months of financial data in Excel, ensuring 100% accuracy for grant application submissions.
- Installed a 300-foot Wi-Fi bridge, increasing connectivity speeds from **0 Mbps to 50 Mbps**, significantly improving research data transfer efficiency.