

## Connor Coop

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## 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](#)

- Configured S3 static hosting with global delivery through CloudFront, secure HTTPS via AWS Certificate Manager (ACM), and domain routing with Route 53.
  - Developed serverless API endpoints with API Gateway + Lambda to log and serve visitor metrics in real-time.
  - Integrated DynamoDB for efficient, secure tracking of unique visits, displayed live via dynamic frontend JavaScript.
  - Implemented a CI/CD pipeline with AWS CodePipeline, GitHub, and Lambda to automate deployments and trigger CloudFront cache invalidation on every change in seconds.
  - Optimized for speed and scalability using CloudFront compression, caching, and automatic SSL renewals.
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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.