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SAMUEL D. ARANT

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EDUCATION

Tampa, FL	University of South Florida	Fall 2018-2021
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B.S. in Biomedical Sciences with GPA: 3.5

- Coursework: Statistics, Calculus w/Analytic Geo, Physics, Speech Communication

EXPERIENCE

Electronics Sales Associate (2019-2022) ~2.5 years

- Used excellent communication skills to assist customers with computer and electronic purchases in a high-volume store.
- Managed inventory levels and restocked shelves to maintain store presentation.
- Provided technical and non-technical customer service to customers with various items over the phone and in person at the service desk.
- Reset display Windows and Chromebook computers for resale

SKILLS

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- Technical troubleshooting and problem-solving skills
 - Strong communication skills
 - Knowledge of computer hardware and software, including Windows operating systems, internet browsers, and Microsoft Office Suite
 - Basic understanding of wireless technology and mobile environments

CERTIFICATIONS

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- AWS Certified Developer (2022)
 - CompTIA Security+

SOFTWARE/CLOUD PROJECTS

Projects

- **Cruddur (AWS Cloud Bootcamp Project 2023).** Social media app that uses EC2 ECS for react front-end and flask back-end. Integrates many technologies including Cognito, Postgres (SQL), DynamoDB (NoSQL), Load Balancer, shell scripting, Momento for serverless cache, etc. Currently in progress.
- **Serverless Portfolio Website (samuelarant.com 2023).** Hosts my cloud architecture diagrams and more information about me. v1 is hosted with s3 and served via CloudFront for SSL and edge caching. Currently hosted on nginx docker containers in ec2 with load balancer. Integrated SNS for contact component.
- **Serverless PDF Watermark Tool (2023).** Utilized API Gateway, Lambda, Function URLs, and S3 to create a serverless tool that adds my "samuelarant.com" to any pdf file.

PROGRAMMING SKILLS

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- Python, JavaScript, VScode, HTML/CSS, React & Flask
 - Networking (OSI, SSH, UDP/TCP, Security Groups, ACLs)
 - Linux, VMs, Containerization