Andrew Jacob Roberts

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Education	**University of Virginia,** Bachelor of Arts	August 2014 – May 2018
	Double Major: Computer Science; History	
	Cumulative GPA: 3.638	

Certification	**AWS Certified Solutions Architect**, *Validation Number TW0VWDN21E411336*	September 2018

Employment **Capital One**, *Associate Software Engineer - Technology Development Program*   July 2018 - Current
11 W 19th St, New York, NY 10011

- Perform all the systems related functions for a business-critical application, including its: code deployments, cloud infrastructure upgrades, end user support, and disaster recovery (exercises/real)
- Designed and acted as the sole developer for a dashboard that displays metrics related to application security findings; worked with design engineers and senior leadership to get it integrated into an enterprise wide application-monitoring site
- Configured a dockerized implementation of the ELK stack for an application running on AWS ECS
- Learn firsthand about how one of AWS's largest customers approaches their cloud resource management by collaborating closely with centralized cloud management teams

Capital One, *Software Engineering Intern*   Summer 2017
11 W 19th St, New York, NY 10011

- Learned about serverless technologies to build an app that sends AWS SNS notifications to Slack
- Built a CI/CD pipeline for AWS Lambda deployments that utilized a dockerized JS transpiler

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Projects   **Peer-to-Peer Travel Website**, *Personal project*   December 2018 - Current
Working as the sole developer on a team of three to build a peer-to-peer travel services website

- Built a custom UI component library using Reactstrap, a React-based implementation of Bootstrap 4
- Includes a fully fledged profile system that uses Auth0 as the authentication layer
- Improved UX by implementing skeleton screen lazy loading and client-side caching
- Deployed as a serverless website using AWS CloudFront, API Gateway, Lambda, DynamoDB, and S3

Event Management Software   Winter 2017
Software I donated to my fraternity that allows it to capture and manage event attendance

- Includes kiosk mode registration and check in pages, an admin dashboard with sorting and searching capabilities, and a profile system that tracks user event attendance and comments
- Developed as an offline cross-platform desktop app using Electron JS

Skills   **Languages:**   (proficient) JavaScript, HTML/CSS (familiar) Python, Shell scripting, PowerShell, SQL
Technologies: AWS, Jenkins, Docker, Artifactory, Elastic stack, Fluentd, GitHub
Soft Skills: Change order management, JIRA, End user support, AWS cost analysis, Presentations

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Volunteering   **iMentor – The Laboratory School of Finance & Technology**   December 2018 – Current
360 E 145th St, Bronx, NY 10454
iMentor builds mentoring relationships that empower first-generation students from low-income communities to graduate high school, succeed in college, and achieve their ambitions

- Champion the success of a high school junior by pledging to act as his long-term mentor
- Attend monthly in-person meetings at his school, maintain weekly online correspondence with him about the college application process, and go on fun excursions with him outside the program
- Presented about software engineering to a few classes of ~20 students at his school's career day