

# ANNE NOONAN

## Senior Associate Software Engineer

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🔗 [anoonan11.github.io](https://github.com/anoonan11)

## EXPERIENCE

### Capital One

#### Senior Associate Software Engineer

📅 February 2022 – Present

📍 Richmond, VA

- Developing Golang REST APIs hosted on AWS Lambda and Fargate as an abstraction to the Card business's financial core
- Built a posted transactions data pipeline using managed EMR with Spark

#### Associate Software Engineer

📅 August 2020 – February 2022

📍 Richmond, VA

- Enhanced resiliency, performance, cost, and security of cloud infrastructure for AWS RDS and S3
- Built full stack, automated dynamic statement generating engine using AWS Lambda, Golang, Gomplate, and Python
- Developed full stack, ADA-compliant React feature enabling customers to view their transaction history online
- Enabled real-time user activity tracking features that fed into custom dashboards of KPIs
- Created search engine for internal documentation repository using web-scraping, document indexing, and ElasticSearch

### Deloitte Consulting

#### Analyst

📅 July 2019 – August 2020

📍 Pittsburgh, PA

- Analyzed indirect vendor spend and employee operational efficiency with SQL and VBA tools to inform sourcing strategies and staffing decisions and assess vendor criticality
- Developed scalable staffing model tool resulting in 100M USD in savings

## SKILLS

#### Languages/libraries:

Python

Golang

React

JS/TS

Java

Angular

SQL

TensorFlow

HTML/CSS

#### Technologies:

AWS

Jenkins

Git

Docker

Kubernetes

ElasticSearch

Segment

Android

Postgres

## PERSONAL PROJECTS

- **Fairness and Bias Analysis for Drug Consumption Model**- a drug consumption AI model with bias analysis and mitigation
- **Craigslist Location Selection**- an HCI study focused on improving the user experience of filtering content by location
- **CODA in the Wall**- created a virtual version of Hole in the Wall using TensorFlow's Posenet library and computer camera

For links and more, visit [anoonan11.github.io/projects](https://github.com/anoonan11/projects)

## EDUCATION

Master's in Computer Science, 4.00 GPA

#### Georgia Institute of Technology

📅 August 2021 – Present

📍 Atlanta, GA

Bachelor's in Chemical Engineering, Additional Major in Biomedical Engineering, 3.86 GPA

#### Carnegie Mellon University

📅 August 2015 – May 2019

📍 Pittsburgh, PA

## CERTIFICATIONS

Solutions Architect – Associate

#### Amazon Web Services (AWS)

📅 August 2021 – August 2024