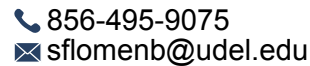
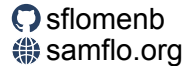


Samuel Flomenberg



Experience

Software Developer II

July 2019 - Present

The Vanguard Group

Malvern, PA

- Designed and implemented supplementary functionality to internal Git provider to enable specialized approval requirements configurable on a per-repo basis
- Negotiated with security team and implemented a solution to make certain security scans optional for certain builds with common code, eliminating upwards of 11 minutes from these builds

Software Developer I

June 2017 - July 2019

The Vanguard Group

Malvern, PA

- Designed and implemented an automated scaling-in strategy to optimize deployment worker host usage, using Amazon CloudWatch and Lambda, reducing excess capacity during idle system time
- Developed a system to migrate deployment pipelines to infrastructure-as-code using Java and Python, reducing operational burden for development teams across Vanguard
- Built a pipeline control system to verify code deployed across the company adheres to security and regulatory policies

Software Engineering Intern

June 2016 - August 2016

Thomas Jefferson University

Philadelphia, PA

- Developed an app for iOS and Android using Ionic, web version in AngularJS, and REST API in PHP, which allowed physicians to rapidly identify appropriate clinical trials for their patients

Skills

Proficient Languages: Java, Python, JavaScript, Bash/shell scripting

Familiar Languages: Go, Rust, Ruby, C++, C, Perl, PHP

Databases: SQL, NoSQL

Cloud: AWS EC2, CloudFormation, S3, AWS Lambda

Web Development: HTML5, CSS3, CSS preprocessors, building and consuming REST APIs

Tools and Platforms: Linux, Git, Docker, Ansible

Certifications: AWS Certified Solutions Architect Associate

Education

University of Delaware

Newark, DE

Bachelor of Science in Computer Science

May 2017

- GPA: 3.59/4.00; Achieved Dean's List all semesters
- Relevant Coursework: Parallel Computing, Artificial Intelligence, Advanced Web Technologies, Client-Side Engineering, Computer Networks, Network Security, Database Systems