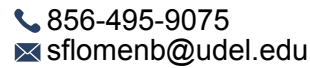


# Samuel Flomenberg



## Experience

### Software Developer II

*July 2019 - Present*

The Vanguard Group

*Malvern, PA*

- Refactored and enhanced change request generation application to be extensible and usable on multiple future pipelines using Docker
- Designed and implemented functionality for internally-hosted Git provider to enable configurable pull request approval requirements on a per-repo basis using Java
- Negotiated with security team and implemented a solution using Python in the CI/CD pipeline to skip security scans of shared code, reducing the overall build times up to 40%

### 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

**Frameworks:** Django, Django Rest Framework, Vue.js

**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