Samuel Flomenberg

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Experience

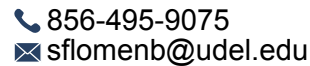**Software Developer II**   *July 2019 - Present*
The Vanguard Group   *Malvern, PA*
- Refactored and enhanced change request generation application to be extensible and usable on multiple future pipelines using Docker
- Designed and implemented functionality for internally-hosted Git provider to enable 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 infrastucture-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, Terraform
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