





# Samuel Flomenberg

 sflorenb  
 samflo.org

 856-495-9075  
 sflorenb@udel.edu

## Experience

### Software Developer II

*July 2019 - Present*

### Software Developer

*June 2017 - July 2019*

The Vanguard Group

*Malvern, PA*

- Develop and maintain the majority of the automation for build and deployment plan creation on the public cloud pipeline, previously a manual process, enabling developers to quickly create their plans while adhering to Vanguard's controls
- Design and implement a scaling-in strategy for pipeline agents to reduce cost and excess capacity during periods of low usage
- Enhance the pipeline via plugins and scripts using Java, Python, and Bash
- Deploy applications, services, and infrastructure to the public cloud with the use of AWS services such as EC2, S3, Lambda, and CloudFormation
- Support internal teams as the subject-matter expert during pipeline deployment issues

### Software Engineering Intern

*June 2016 - August 2016*

Thomas Jefferson University

*Philadelphia, PA*

- Developed an app for iOS and Android using Ionic and AngularJS which allowed physicians to rapidly identify appropriate clinical trials for their patients
- Coded an AngularJS-based version of the above app for web browsers
- Built a mobile app using Ionic and AngularJS for keeping a better inventory of the institution's computers and peripheral devices in an SQL database, as opposed to multiple spreadsheets
- Created APIs for both applications using PHP

## Skills/Certifications

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

**Familiar Languages:** Ruby, Swift, 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, Eclipse, JUnit, iOS

**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