




# Samuel Flomenberg

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 samflo.org

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## Experience

### Software Developer II

*July 2019 - Present*

### Software Developer

*June 2017 - July 2019*

The Vanguard Group

*Malvern, PA*

- Automated a process to publish and import deployment-as-code specifications using Java, Python and shell scripting, reducing operational burden on my team
- Developed a system of controls and tests to ensure aforementioned code specifications adhere to Vanguard's controls and requirements
- Implemented a scaling-in strategy for pipeline agents via an AWS Lambda function in Python to reduce cost and excess capacity during periods of low usage

### Software Engineering Intern

*June 2016 - August 2016*

Thomas Jefferson University

*Philadelphia, PA*

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

## Skills

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

**Familiar Languages:** Go, Rust, 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