

# Anthony B. Freay

EARLY ADOPTER · SOFTWARE ENGINEER · CREATOR

East Rutherford, NJ 07073

+1 (551) 206-0263 | [anthonyfreay@gmail.com](mailto:anthonyfreay@gmail.com) | [www.anthonyfreay.com](http://www.anthonyfreay.com) | [anthonyfreay](https://www.linkedin.com/in/anthonyfreay) | [anthonyfreay](https://www.instagram.com/anthonyfreay)

## Summary

A software engineer who uses curiosity and drive to solve problems and improve technical skills. Recent internship experiences at BNY Mellon has given exposure to how an application is designed, developed, and deployed within a wide-scale enterprise environment, as well as the importance of Test-Driven Development. Always ready to learn new technologies and continually grow by pursuing technical and non-technical challenges.

## Education

### Villanova University (VU)

May 2020

BACHELOR OF SCIENCE IN COMPUTER SCIENCE & BACHELOR OF ARTS IN PSYCHOLOGY

Villanova, PA

**Awards:** O'Toole Presidential Scholar

**Current Courses:** Software Studio, Mobile App Development

**Completed Courses:** Data Structures & Algorithms I & II, Platform-Based Computing, Computer Systems I & II, Discrete Structures, Analysis of Algorithms, Theory of Computation, Information Visualization, Database Systems, Software Engineering, Organization of Programming Languages, & Senior Projects

## Skills

<b>Programming</b>	<i>Intermediate:</i> Java , Golang, HTML/CSS/JS, Selenium Web Driver <i>Novice:</i> ReactJS, OpenAPI Spec (Swagger)
<b>Deployments</b>	<i>Novice:</i> Docker, Artifactory
<b>Databases</b>	<i>Novice:</i> MongoDB, MySQL
<b>Languages</b>	English ( <i>native</i> ), Spanish ( <i>fluent</i> )

## Work Experience

### BNY Mellon

Jun. 2019 - Aug. 2019

SUMMER TECHNOLOGY ANALYST

New York , NY

- **Overview:** Develop and deploy an automated regression test of an API user interface leveraging Java and Selenium Web Driver

### BNY Mellon

Jun. 2018 - Aug. 2018

SUMMER TECHNOLOGY ANALYST

Jersey City, NJ

- **Overview:** Given freedom to fully design, develop, and deploy a full-stack URL shortening service using Golang, ReactJS, MongoDB, Nginx, and Docker company-wide, reaching 35 countries and 52,000 employees
- **Front-end:** Developed with a minimal design using ReactJS
- **Back-end:** RESTful API developed using Golang, visually documented using Swagger, and utilized MongoDB to store mapped URLs

## Leadership

### Villanova University Tech Crew (VUTC)

Aug. 2017 - Present

SENIOR STAFF MEMBER

Villanova, PA

- Assist in the facilitation of VU's event production needs and on-boarding new members
- In the 2018-19 academic year, produced 31 events including Orientation, Special Olympics, and Commencement

## Projects

<b>simple-url</b>	Redesigning and optimizing URL shortening service
<b>personal-site</b>	Designed, developed, and deployed personal-site to improve web development skills, increase digital presence, & improve personal branding

## Sideline

**Photography** Run & manage a freelance photography business specializing in live music, portraits, and streetscapes