

# Anthony B. Freay

EARLY ADOPTER · SOFTWARE ENGINEER · CREATOR

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## Summary

A software engineer who uses curiosity and drive to solve problems and improve technical skills. Actively pursuing a full-time software engineering / full-stack developer position. 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 & PSYCHOLOGY

Villanova, PA

**Awards:** O'Toole Presidential Scholar

**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

**Current Courses:** Human-Computer Interaction

## Skills

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

## Work Experience

### 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

### 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 Webdriver

## 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
- Resident content creator for all social media platforms

## 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 and increase digital presence

## Hobbies

**Photography/Videography** Freelance photographer/videographer specializing in portraits and cityscapes