

Anthony B. Freay

EARLY ADOPTER · SOFTWARE ENGINEER · CREATOR

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Summary

A software engineer who uses curiosity, drive, & modern technology to solve problems & improve technical skills. Actively pursuing a full-time software engineering or full-stack developer position. Recent internship experiences at BNY Mellon has given exposure to how an application is designed, developed, & deployed within a wide-scale enterprise environment, as well as the importance of Test-Driven Development. Always ready to learn new technologies & continually grow by pursuing technical & 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

Programming	<i>Advanced:</i> Java , Golang, HTML/CSS/JS <i>Intermediate:</i> ReactJS, OpenAPI Spec (Swagger)
Deployments	<i>Intermediate:</i> Docker, Artifactory
Databases	<i>Intermediate:</i> MongoDB, MySQL
Languages	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, & deploy a full-stack URL shortening service using Golang, ReactJS, MongoDB, Nginx, & Docker company-wide, reaching 35 countries and 52,000 employees
- **Front-end:** Minimally designed & developed using ReactJS, served with Nginx, & deployed in its own container using Docker
- **Back-end:** RESTful API developed using Golang, visually documented using Swagger.io, URLs mapped & stored using MongoDB, & deployed in its own container using Docker

BNY Mellon

Jun. 2019 - Aug. 2019

SUMMER TECHNOLOGY ANALYST

New York, NY

- **Overview:** Develop & deploy an automated regression test of an API user interface leveraging Java & Selenium Webdriver

Leadership

Villanova University Tech Crew (VUTC)

Aug. 2017 - Present

SENIOR STAFF MEMBER

Villanova, PA

- Assist in the facilitation of Villanova University's event production needs & on-boarding new members
- In the 2018-19 academic year, produced 31 events including Orientation, Special Olympics, & Commencement
- Resident content creator for all social media platforms

Projects

simple-url	Recreating & optimizing BNY project, will then integrate & substitute different databases & front-end technologies
personal-site	Designed, developed, & deployed personal-site to refine web development skills & improve digital presence

Hobbies

Photography/Videography Freelance photographer/videographer specializing in portraits & cityscapes