

Ali Nagi

ENGINEER · DESIGNER · WRITER

New York, New York

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Summary

Ali is a high-energy, outspoken engineer and designer with a passion for creating beautiful, frictionless experiences. He enjoys talking to people and iterating on new ideas. He looks forward to impactful work and meaningful contributions.

Public Projects

- 2018 **nexen.bnymellon.com**, Developed common components for unified business platform
- 2017 **developer.bnymellon.com**, Part of the engineering team to build BNY Mellon's first developer site
- 2017 **Pie Storm**, A humble attempt to gamify charitable donations

Work Experience

BNY Mellon

New York, NY

FULL-STACK ENGINEER / DESIGNER - USER EXPERIENCE TEAM

June 2017 - Present

- Design and develop an internal Material Design-based UI component library in Angular 2+ for use by hundreds of developers.
- Migrate existing UI from Angular.js to Angular 2+.
- Design and develop business-facing UI.
- Create business-facing prototypes using Axure RP and Sketch, conduct client-facing user-interaction research using in-house UX lab.
- Implement and deploy RESTful APIs in Python (Flask) and Go.

BNY Mellon

New York, NY

ASSOCIATE - TECHNOLOGY LEADERSHIP PROGRAM

June 2016 - June 2017

- Database-as-a-Service: Automated secure MongoDB deployment on BNY Mellon's internal cloud for use by development teams.
- Developer Console: Full-stack Go + Angular development of a developer-facing web app.
- User Experience: Designed Angular components and implemented with full Karma test coverage.

BNY Mellon

New York, NY

SOFTWARE ENGINEER - USER EXPERIENCE TEAM

June - August, 2014 - 2016

- Utilized Phaser HTML5 game engine to create an internal educational game for employees to learn about concepts such as RESTful APIs.
- Deployed educational game to internal cloud platform for testing by early user group.

The Polytechnic Reporter

New York, NY

EXECUTIVE EDITOR AND DESIGNER

August 2013 - May 2016

- Served as final editor for newspaper with circulation in the thousands.
- Designed and published layouts for staff writers using Adobe InDesign.

Skills

- Programming** Python, Go, JavaScript, TypeScript
- Front-end** Angular, Angular-Material, NPM, Bower, WebPack, Bootstrap
- UX + Design** Axure, Sketch, GIMP, Adobe Suite
- Mobile** Android, Flutter

Education

New York University

New York, New York

B.S. IN COMPUTER SCIENCE

August 2012 - May 2016

Interests

- Hobbies** Physical fitness, hiking, drawing
- Passions** High-quality designs, blending art and engineering