

MARK DONOHUE

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EXPERIENCE

Mediaocean (Formerly Flashtalking Inc.)

Software Engineer — Back-End

Apr 2021 - Present

New York, NY

- Delivered high-quality production code across numerous APIs to meet evolving requirements of clients and stakeholders
- Architected and developed an asynchronous queue workflow using AWS SNS and SQS to improve data processing performance between internal applications
- Reduced integration test run time by an average of 48% (7 Min.) by migrating test suite to Playwright
- Leveraged Flask and Python to implement key workflows between an internal API and Google Discover, enabling targeted ad serving on the social media platform and enhancing Mediaocean's product offering
- Created a gRPC mock server using GripMock and Docker, allowing for integration testing of endpoints that call external gRPC APIs

Deutsche Bank

Associate Engineer — Full-Stack

Jul 2019 - Apr 2021

Cary, NC

- Developed a production REST API for sending HTML emails using Spring Boot and Kotlin, greatly expediting the financial research invoicing process
- Implemented intuitive UI components with Vue.js and Element, contributing to an enhanced user experience
- Created PowerShell scripts for efficiently migrating over 7000 PDFs from an end-of-life application to cloud services, ensuring seamless accessibility of important documents

AGCO

Software Engineer Intern

May 2018 - Aug 2018

Marktoberdorf, Germany

- Led conversations with product owners and end users to discuss business requirements, often exclusively in German, resulting in timely and accurate delivery of software changes
- Created interactive business intelligence reports with Tableau that were delivered to key stakeholders

Tapestry

IT Infrastructure Engineering Intern

Jun 2017 - Aug 2017

New York, NY

- Shadowed network engineers and specialists to learn firewall technologies and threat management

EDUCATION

Washington and Lee University

Bachelor of Arts: Double Major in Computer Science and German

May 2019

Lexington, VA

- Cumulative GPA: 3.66 (Computer Science GPA: 3.72)
- President's List 2017
- Computer Science Teaching Assistant

SKILLS & INTERESTS

Languages

Java, Kotlin, Python, PHP, SQL, JavaScript, TypeScript

Tools & Technologies

Git, Docker, MongoDB, SQS, SNS

Libraries & Frameworks

Spring Boot, Playwright, Cypress, Symfony, React, Vue.js

Interests

Ice Hockey, Football, Hiking, Crosswords