

JOHN PHILIP

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EDUCATION

Northeastern University

Boston, MA

GPA: 3.8 / 4.0

2020 - 2021: Master of Science in **Computer Science**, with concentrations in **Artificial Intelligence & Human Computer Interaction**

2016 - 2020: Bachelor of Science in **Computer Science & Mathematics**

SKILLS

Languages

JavaScript, Python, Java

Frameworks / Tools

TypeScript, React, GraphQL, Node.js, Docker, Kubernetes, GCP, Next.js, Django, Datadog, Sentry

INVOLVEMENT

hackNY

Manhattan, NY | July 2019 - Present

One of 20 fellows chosen to be part of a selective NY-based tech and social good fellowship.

finequity

Brooklyn, NY | July - August 2020

Optimized a time-intensive workflow for a financial literacy startup by creating a scalable, zero-cost mailing application using React and serverless Node.

INTERESTS

Music, rug-making, cooking, mathematics, machine learning

WORK EXPERIENCE

Spotify, Fullstack Software Engineer - Platform Developer Experience

New York City, NY | July 2022 - Present

Revamped UI system for internal automated dependency management system, making it easier for developers write, visualize and monitor code transformations affecting up to thousands of software components at a time.

Created VSCode extension for AI knowledge assistance for developers at Spotify, increasing self-reported productivity and decreasing context switching for all engineers at Spotify.

Led a team of 6 engineers in converting a Java based system for an internal talent marketplace into a commercial product written in Typescript and Node, generating over 250K+ in revenue as Spotify's first-ever non-audio revenue stream.

Maintained one of the most mature portions of the Backstage open-source project surrounding documentation as code (TechDocs), used in over 1K companies.

Ro, Fullstack Software Engineer - Roman

New York City, NY | July 2021 - July 2022

Unlocked lines of yearly revenue worth \$1M+, by leading and shipping cross-functional project to create the end-to-end patient experience for Roman's first direct-to-consumer hair care product offerings, using React/TypeScript/Django.

Increased long-term retention for 500K+ patients by 5% and unlocked future business opportunities for follow-up care, by creating consultation flow experience between patients and medical providers using Django/React.

Grew conversion by 6% by implementing various fullstack experiments around reducing patient onboarding friction, and set up proactive monitoring and metrics dashboards using Sentry and Datadog.

BuzzFeed, Fullstack Software Engineer - Frontend Infrastructure

New York City, NY | June 2019 - April 2021

Consolidated logic from multiple quiz rendering microservices into a single service using React, reducing technical complexity and cost for developers by 15x.

Built a self-service curation tool for content editors to change site navigation tabs on BuzzFeed's homepage, using AWS S3, Node, and React, reducing lead time on navigation tab change requests from 1 day to 2 minutes.

Migrated core content page rendering service from Python over to a Next.js/React based stack, working with designers to ensure parity and build out performant and accessible new features, serving 25M+ page views daily.