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**

GPA: 3.7 / 4.0

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, Yarn

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, cooking, mathematics

WORK EXPERIENCE

Spotify, *Fullstack Software Engineer - Platform Developer Experience*
New York City, NY | July 2022 - Present

Designed and created a documentation platform, using GraphQL, Node.js, TypeScript and React, optimizing end-user experience by leveraging frontend caching and performance techniques, thoughtful UX patterns, and end-to-end testing practices.

Managed a team of 4 engineers in a hybrid tech lead / manager role, focusing on delivering improvements to information access and knowledge management.

Led a team of 6 engineers in converting a Java based internal talent management tool into a commercial SaSS product written in Typescript and Node, generating over 750K+ in revenue as part of Spotify's first-ever non-audio revenue stream.

Maintain a mature project area of the Backstage developer portal OSS project surrounding documentation as code (TechDocs), reviewing pull requests, solving issues, and evolving the codebase to be usable for over 1K+ adopting 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.

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.

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.