JOHN PHILIP

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EDUCATION

Northeastern University
Boston, MA

GPA: 3.7 / 4.0

May 2021: Master of Science in Computer Science

May 2020: Bachelor of Science in Computer Science & Mathematics

Honors: Honors Program, hackNY Fellow, Dean's List, Presidential Global Scholar

SKILLS

Languages

JavaScript (ES6), Python, HTML, (S)CSS, SQL, Java

Frameworks / Technologies

React, Redux, Node, AngularJS, jQuery, TypeScript, Webpack, AWS S3, MongoDB, React Native

INVOLVEMENT

hackNY, *Director of Admissions*
August 2019 - Present

Reviewed, interviewed and admitted 24 fellows from over 2300 applicants to a NY-based tech and social good fellowship.

Mentored fellows and organized speaker series that emphasized diverse and intersectional views on technology.

INTERESTS

Machine learning, bubble tea, quantum physics, teaching, mathematics, music, social good, community building

WORK EXPERIENCE

BuzzFeed, *Software Engineer (Contractor)*
New York City, NY | August 2019 - Present

Implementing accessibility, performance and core infrastructure updates across all of BuzzFeed's rendering microservices, serving 1M+ unique views daily.

Building scalable infrastructure using React/Redux for BuzzFeed quizzes to support product and business development needs, serving 25M+ page views daily.

Collaborating with designers to implement an extensible design system responsible for creating better interfacing between engineers and designers.

BuzzFeed, *Fullstack Engineering Intern*
New York City, NY | June - August 2019

Built a self-service curation tool for content editors to change site navigation tabs on BuzzFeed's homepage, using AWS S3, Node, and React.

Implemented local caching and polling mechanisms, created a slackbot reliant on distributed messaging architecture, and developed a REST API to handle configuration update & storage logic.

Wayfair, *Fullstack Engineering Co-op*
Boston, MA | January - April 2019

Integrated disparate data sources to help develop Wayfair's new financial invoicing API, using React, GraphQL, and PHP, unlocking over $10M+ in potential revenue.

Maintained and optimized SQL processors responsible for charging thousands of Wayfair's inventory suppliers, using PHP and T-SQL.

PROJECTS

fINEQUITY - *React.js, Node, Serverless, Lob & Airtable APIs*
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.

BF Paint - *React.js, Redux, WebSockets*
Boston, MA | August 2019

Implemented user session management and real-time chat functionality using React/Redux/WebSockets for a Windows 98 themed Pictionary web application.

Cognitive Toybox - *React.js, AWS, PostgreSQL*
Brooklyn, NY | July - August 2019

Created an interactive analytics dashboard for an educational startup to provide observability into how their assessment products were being used in schools.