

# JOHN PHILIP

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## EDUCATION

### Northeastern University | Boston, MA

Expected Graduation: May 2021

B.S in Computer Science & Mathematics:  
May 2020

M.S in Computer Science: May 2021

**Related Coursework:** Graduate Human  
Computer Interaction, Object Oriented  
Design, Graduate Algorithms and Data

**Activities:** hackNY Director of Admissions,  
NU Association for Computing Machinery  
Executive Board Member

**Honors:** hackNY 2019 Fellow, NU Honors  
Program, Presidential Global Scholar,  
Dean's Scholarship Recipient

**GPA:** 3.6 / 4.0

## COMPUTER KNOWLEDGE

### Languages

- JavaScript
- CSS / SCSS
- Python
- HTML
- SQL
- Java

### Software / Tools

- React
- Git
- Node
- Express
- Datadog
- GraphQL
- TensorFlow
- AWS SDK

## INTERESTS

- Socially conscious technology
- Teaching and education
- Bubble tea
- Machine learning
- Music

## WORK EXPERIENCE

### BuzzFeed, Fullstack Engineering Intern, Remote Contractor

New York City, NY | June 2019 - Present

Built a microservice for content editors to change site navigation tabs on BuzzFeed's homepage, using the AWS SDK, 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.

Ensured BuzzFeed's website's compliance with web content accessibility standards, following a11y best practices & guidelines.

### Wayfair, Fullstack Engineering Co-op

Boston, MA | January - April 2019

Integrated multiple data streams to help develop Wayfair's financial invoicing API, using React, GraphQL, PHP and SQL.

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

### WHOOOP, Data Analytics Co-op

Boston, MA | January - April 2018

Developed notification system in Python for anomalous user activity based on time-series heart rate and accelerometer data.

Created suite of internal tools to automate tasks such as data report delivery to clients, and data aggregation & classification.

## PROJECTS

### hackNY + Cognitive Toybox - React, AWS, PostgreSQL

July - August 2019

Utilized React, Amazon API Gateway, Amazon Cognito, and PostgreSQL to create an analytics dashboard for a startup that creates educational tools for low-income communities.

Scoped, delegated and executed on frontend work over 12 weeks, while leading a team of five engineers.

Wrote modularized components + styles in order to maintain consistent UI and UX throughout the application.