

# 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:** Executive Board Member of  
NU Association for Computing  
Machinery, Khoury College Peer Mentor

**Honors:** HackNY Fellow, NU Honors  
Program, Presidential Global Scholar,  
Dean's Scholarship

## COMPUTER KNOWLEDGE

### Languages

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

### Software / Tools

- |            |                |
|------------|----------------|
| - React.js | - React Native |
| - Node.js  | - GraphQL      |
| - Express  | - TensorFlow   |
| - Git      | - AWS Lambda   |

## INTERESTS

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

## WORK EXPERIENCE

**BuzzFeed, Frontend Engineering Intern, hackNY fellow**  
New York City, NY | June 2019 - Present

Implementing an internal microservice for content editors to change site navigation tabs on BuzzFeed's homepage, using Amazon S3, Node and React.js.

Built local caching mechanisms, a slackbot that utilizes event-driven architecture, as well as the main navigation configuration update / storage logic.

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

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

Integrated multiple data streams to aid in the development of Wayfair's financial invoicing API, using GraphQL, PHP and T-SQL.

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

**FX Digital, Ltd., Research and Development Intern**  
London, UK | July - August 2018

Developed Alexa skills utilizing PHP libraries for voice-based interaction models based on client specifications.

Integrated Discovery channel web viewer application for use in TV using Java and the Android TV SDK.

## PROJECTS

**Cognitive Toybox - React.js, API Gateway, Cognito, PostgreSQL**  
July - August 2019

Utilized React.js, 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.