

# JOHN PHILIP

✉ philip.j@husky.neu.edu  
🐙 github.com/johnphilip283  
🔗 johnphilip283.github.io/website  
in linkedin.com/in/john-philip/  
📞 (914) 826-5190

## EDUCATION

### Northeastern University | Boston, MA

Expected Graduation: May 2020

Candidate for a Bachelor of Science in  
Computer Science and Mathematics

**Related Coursework:** Graduate Human  
Computer Interaction, Advanced Linear  
Algebra, Object - Oriented Design,  
Calculus III, Graduate Algorithms

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

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

GPA: 3.58 / 4.0

## COMPUTER KNOWLEDGE

### Languages

**Proficient:** Java, Python, SQL

**Familiar:** PHP, JavaScript (JSX), C#, R

### Software

React.js, Node.js, Express, React Native,  
Amazon S3, GraphQL, TensorFlow,  
NumPy, Unity, LaTeX

### Tools

Git, Linux, JetBrains Suite, Firebase,  
Microsoft SQL Server/Workbench,  
Android Studio, Xcode, Jupyter, Postman

## INTERESTS

Teaching, social good, machine learning,  
bubble tea, mozzarella sticks, music

## WORK EXPERIENCE

### BuzzFeed, Frontend Engineering Intern

New York City, NY | June 2019 - Present

Implementing a tool for editors to change site navigation tabs on  
BuzzFeed's homepage, using Amazon S3, Node and React.

Ensuring BuzzFeed's website's compliance with WCAG 2.0 web  
accessibility standards.

### Wayfair, Fullstack Finance Engineering Co-op

Boston, MA | January 2019 - April 2019

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

Maintain and enhance 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, D3.js

June 2019 - Present

Volunteered for an education startup specializing in child  
assessment in low-income neighborhoods, creating React  
metrics dashboards with interactive data visualizations.

### Petcetera - MySQL, Node.js, Express, JavaScript, React.js

September - December 2018

Created a website dedicated to helping pet owners find  
appropriate pet sitters for high maintenance or exotic pets.

### Denoising Convolutional Autoencoder - Python, TensorFlow

August 2018

Implemented a neural network that removes random noise from  
handwritten digits and reconstructs them.