

# Emily Pillay

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Availability: January – June 2020

## EDUCATION

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**Northeastern University, Khoury College of Computer Sciences**, Boston, MA Sept. 2018 - Present

*Candidate for Bachelor of Science in Computer Science and Cognitive Psychology, 2022*

GPA 3.8 / 4.0

### Coursework

Object-Oriented Design, Algorithms and Data, Fundamentals of Computer Science 1 & 2,

Lab in Psycholinguistics, Biological Psychology, Psychology of Language, Cognition

**Dialogue:** Creative Coding & Textiles – Vienna, Austria

July 2019 – Aug. 2019

## COMPUTER KNOWLEDGE

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**Proficient Languages:** Java, Racket, Processing, and LaTeX **Familiar:** JavaScript, React, Git, HTML, CSS

**Proficient Software:** VS Code, IntelliJ, Eclipse, ZenHub, Adobe Illustrator, and Microsoft Office

**Other:** CompTIA A+ Certified, Microsoft Office Specialist (Word, Excel, PowerPoint)

## WORK EXPERIENCE

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**Northeastern University, Boston, MA** Sept. 2019 – Present

Teaching Assistant for Object-Oriented Design

- Facilitate a productive working environment in office hours by supporting and tutoring students
- Communicate openly and provide feedback to faculty about grading, office hours, and assignments

**International Ivy, Short Hills, NJ**

June 2018 – Aug. 2018

Camp Counselor

- Engaged campers in daily activities and games and facilitated a positive learning environment
- Followed safety procedures and efficiently notified others of issues

## PROJECTS

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**Behavioral Research Web Application – Sandbox**, React, VS Code Sept. 2019 – Present

- Build a web application for Behavioral Psychologist to help further research and increase participant diversity
- Consult weekly with client to incorporate feedback and engage in an agile software development approach to collaborate with a team of four people

**Discord Bot**, JavaScript, Node.js

Aug. 2019 – Present

- Develop a Discord bot to be hosted on a server and interact with users

**Daily UV Ray**, Processing

July 2019

- Utilized OpenUV, a real-time UV index API, to grab the current data for Vienna, Austria
- Designed data visualization to highlight the invisible dangers of UV radiation

**Fish Bowl – Ars Electronica**, Processing

July 2019

- Built an interactive creative coding application on the Façade of the Ars Electronica museum
- Collaborated with team of three people to balance artistic vision with coding skills and time constraints
- Created narrative through the piece that explores and engages viewers through feelings of curiosity

**Ovacho LLC Logo Design**, Adobe Illustrator

Sept. 2018

- Designed logo for company “rebranding” of related branch
- Collaborated with client on artistic vision and conceptualized constructive feedback

## EXTRACURRICULARS AND INTERESTS

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**Peer2Peer Mentor:** Serve as a mentor and resource for incoming first year computer science students

**Her Campus:** Write articles weekly for online magazine chapter of Her Campus

**NUTELLS:** Supported ESL staff of Northeastern dining services by working one-on-one to help them practice and gain confidence with the English Language

**Interests:** UX Research, Full-Stack Developer, Data Visualization, Data Analytics, Cooking, Board Games, Following Bob Ross painting tutorials