

# Alanna Pasco

(781) 307-6417  
pasco.a@northeastern.edu  
39 Kelber Drive, Marlborough, MA, 01752

## EDUCATION

### Northeastern University

Candidate for M.S. in Computer Science  
B.A. in International Affairs, minor in Computer Science

Exp. Graduation May 2022  
August 2020

### Bunker Hill Community College

A.A. in Linguistics and World Studies

May 2016

## TECHNICAL KNOWLEDGE & PROJECTS

### Fish Game Server - Java

Fall 2020 | Software Development

- Designed and implemented a gaming system that hosts games of Hey, That's my Fish! and provides a server to which hackers can connect AI players to compete in tournaments in roughly 7,375 lines of Java
- Pair programmed, presented two code walks in front of class of 50 students, and practiced egoless programming
- Implemented remote-proxy pattern, bringing together the server-side game system and client-side AI players

### Language Predictor Tool - Python

Spring 2018 | Fundamentals of Data Science

- Built a language-prediction tool effective on documents written in one of 7 languages included in learning samples
- Compared trigram frequencies in test set with those in sample set using cosine similarity index to make predictions

[view more online: alannaa.github.io/main](https://alannaa.github.io/main)

**Primary experience:** Java; C; Python; HTML/CSS/Javascript; Git/Github; Command line

**Key Skills:** Quickly learning new tools; Systematic problem solving; Integrating design patterns & principles

**Relevant Coursework:** Discrete Structures; Object-Oriented Design; Software Development; Systems

## PROFESSIONAL EXPERIENCE

### The Boston Foundation

*Grants Administrator*

July 2020-Present | Boston, MA

- Process up to 20 grants weekly while tracking and managing Program Department annual budget of \$15 million
- Designed and implemented over 20 pages of technical training documents to train incoming associates on tech suite
- Support the Grants Management System software design and implementation project

### Apple Inc.

*Specialist*

Oct 2014-May 2016; 2019-2020 Seasonally | Cambridge, MA

- Created energy around Apple products by proactively engaging with customers and anticipating customer needs
- Embraced emerging technologies by staying up-to-date on tech blogs and sharing knowledge with peers daily
- Built relationships with a team of over 100 staff members by delivering and receiving constructive feedback regularly

### Northeastern University 'Dialogue of Civilizations' Global Experience

*Program Coordinator*

May 2017-April 2020 | Amman, Jordan

- Co-led international experiential study abroad program to Jordan for up to 38 students for three program iterations
- Developed students' cultural competence through weekly informal chats where students reflected on experiences
- Designed and implemented program's first student feedback channel and adjusted programming in response to it

### United Nations High Commissioner for Refugees

*MENA Policy Unit Partnerships Intern*

August-December 2018 | Amman, Jordan

- Conducted research and presented data for meetings with private and public sector partners
- Drafted progress reports on roundtables to be sent to UNHCR headquarters in Geneva