# Alanna Pasco

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view my work online: alannaa.github.io/main/

## EDUCATION

**Northeastern University**
Candidate for M.S. in Computer Science                                    Exp. Graduation May 2022
B.A. in International Affairs, minor in Computer Science                              August 2020
**Relevant Coursework:** Discrete Structures; Object-Oriented Design; Software Development; Systems

**Bunker Hill Community College**
A.A. in Linguistics and World Studies                                              May 2016

## PROFESSIONAL EXPERIENCE

**The Boston Foundation**
*Grants Administrator*                                          July 2020-Present | Boston, MA
• Process and track up to 40 grant payments each week
• Support the Grants Management System software design and implementation project

**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
• Responded efficiently to student inquiries regarding local logistics and academic assignments
• 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

**Apple Inc.**
*Specialist*                               Oct 2014-May 2016; Dec 2019-Feb 2020 | Cambridge, MA
• Created energy around Apple products by engaging with up to twenty customers per shift
• Awarded for contribution to loss prevention by collaborating with Cambridge Police to curtail theft
• Built relationships with a team of forty staff by delivering and receiving constructive feedback daily

**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

## TECHNICAL KNOWLEDGE & PROJECTS

**Game Server - Java**                                        Fall 2020 | Software Development
• Designed and implemented system that provides servers to which hackers can connect AI players to compete in tournaments in roughly 7,375 lines of Java
• Pair programmed, performed code walks in front of class of 50 students, and designed and wrote API protocols
• 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 tool that predicts the language a document is written in given a sample set of documents in known languages
• Analyzed trigram frequencies in test set and calculated cosine similarity against known languages in sample set to predict languages based on similarity of trigrams found in the documents

**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