Alanna Pasco

+1 (781) 307 6417
alannaa.github.io
pasco.a@northeastern.edu

EDUCATION

Northeastern University   **Exp. Graduation May 2022**

Candidate for M.S. in Computer Science | GPA: 3.77
<u>Relevant Coursework</u>: Systems; Software Development; Algorithms; Object-Oriented Design

B.A. in International Affairs, minor in Computer Science | GPA: 3.44   **Aug 2020**
<u>Awards</u>: 1st Place Co-op Poster & Experiential Excellence Award

Bunker Hill Community College   **May 2016**

A.A. in Linguistics and World Studies | GPA: 3.8
<u>Awards</u>: Academic Excellence Award; Linguistics Departmental Award of 2016; Deans List & Honors Society

TECHNICAL KNOWLEDGE & PROJECTS

Programming Languages: Java; C; Python; HTML/CSS/Javascript
Software: Vim; Git/Github; IntelliJ; Android Studio
Operating Systems: Mac OS; Linux; Ubuntu

Fish Game Server - Java   Software Development | **Fall 2020**
• Designed and implemented a gaming system in roughly 7,400 lines of Java that hosts games of *Hey, That's my Fish!* and provides a server to which hackers can connect AI players to compete in tournaments
• Pair programmed and defended design choices in three code walks in front of class of 50 students
• Implemented remote-proxy pattern, bringing together the server-side game system and client-side AI players

Language Predictor Tool - Python   Fundamentals of Data Science | **Fall 2018**
• 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

PROFESSIONAL EXPERIENCE

The Boston Foundation
Program Department Intern   Boston, MA | **Jul 2020-Present**
• Compile and record information for grants totaling $15 million annually for Program Department
• Craft over 20 pages of training documents to train incoming associates on software and process workflow
• Act as liaison between Program and technical consultant to support transition to new Grants Management software

Apple Inc.
Specialist   Cambridge, MA | **Oct 2014-May 2016; Seasonally 2019-2020**
• Employed vast knowledge of Apple products by anticipating customer needs and offering enlightening solutions
• Explored emerging technologies via self-guided product research; shared knowledge with peers, customers daily
• Built relationships with team of over 100 staff members by delivering and receiving constructive feedback regularly

Northeastern University 'Dialogue of Civilizations' Global Experience
Program Coordinator   Amman, Jordan | **May 2017-Apr 2020**
• Co-led international experiential study abroad program to Jordan with 38 students for three program iterations
• Developed students' cultural competence through weekly chats; adjusted programming based on student feedback

United Nations High Commissioner for Refugees
MENA Policy Unit Partnerships Intern   Amman, Jordan | **Aug-Dec 2018**
• 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