Alanna Pasco

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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

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

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
Program Department Intern   July 2020-Present | Boston, MA
- Process up to 20 grants weekly while maintaining Program Department annual budget of $15 million
- Designed and crafted 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