Alanna Pasco

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EDUCATION

Northeastern University
M.S. Computer Science   May 2023
Coursework: Systems; Algorithms; Object-Oriented Design; Software Development; Mobile Development
Conferences: Notorious RTC 2022; Grace Hopper Celebration (GHC) 2022
GPA: 3.88

B.A. International Affairs   Aug 2020

TECHNICAL KNOWLEDGE

Expert: Java, Kotlin; **Proficient:** Python, C; **Prior Experience:** HTML/CSS/Javascript, Typescript
Tools/Frameworks: AWS; DevOps; GraphQL; Django; Pytest; Android Studio; Firebase; Git/Github

PROFESSIONAL EXPERIENCE

Amazon Web Services - Elastic File System (EFS)   *Boston, MA*
Software Development Engineer Intern   Sept 2022 - Present
• Reducing customer-impacting failures by implementing canary testing using an AWS CDK app with AWS AppConfig

Chewy - Pet Health Engineering, PracticeHub Clinical App   *Boston, MA*
Backend Engineer Intern   Jan - Mar 2022
• Strengthened communication between stakeholders by building backend storage, retrieval, display of prescription IDs
• Accelerated onboarding of 4+ full-time hires by composing 20+ pages of technical training documentation in a self-started initiative to unify future developers' knowledge with targeted guides, architecture diagrams, and dev resources

Android Mobile Developer Intern   Apr - Jun 2022
• Uncovered untested user workflows by taking a customer-perspective approach to testing and using MixPanel to assess
• Advocated for accessibility in self-started initiative by performing accessibility audit on iOS and Android apps using human-computer interaction principles and making cognitive, visual, and motor enhancements to features

Khoury College of Computer Sciences, Northeastern University   *Boston, MA*
CS 4500 Software Development Teaching Assistant   Sept - Dec 2021
• Critically reviewed assignment submissions written in students' chosen programming language
• Improved students' understanding of course material by hosting office hour lectures, delivering assignment feedback

Apple Inc.   *Cambridge, MA*
Specialist   Oct 2014 - May 2016
• Matched customers to product solutions by probing for their needs, maintaining extensive knowledge of Apple products
• Built relationships with team of over 75 staff members by delivering and receiving feedback regularly

LEADERSHIP EXPERIENCE

Microsoft Technology Education and Literacy in Schools - Volunteer, Revere High School   Sept 2022 - Present
• Expand students' career horizons via curriculum development, 1:1 tutoring, guest lecture coordination, and storytelling

Khoury College Masters Student Council - Treasurer & Workshop Engagement   Jan 2021 - Present
• Design and present semesterly hands-on personal website building workshop to 20+ grad students each semester

ACADEMIC PROJECTS

Android Dog Walking App   Summer 2021
• Accelerated time by pre-planning strong data architecture; managed app data in Firebase Realtime Database
• Minimized UI latency by creating utility to put and fetch data from Firebase off main GUI thread

AI Game Server   Fall 2020
• Pair programmed a scalable client-server gaming system in 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
• Articulated and defended design choices in three code walks in front of class of 50 students
• Developed AI player API and composed detailed protocol documentation for the API