

Anjali Thakkar

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My goal as a software engineer is to leverage my technical knowledge to make the world a more accessible place. Be it in the field of education, healthcare or politics, I would love to apply my skills on a team that strives towards a more equitable future.

EDUCATION

Northeastern University, Khoury College of Computer and Information Sciences

Exp. June 2021

Candidate for Bachelor of Sciences in Computer Science, Minor in Mathematics

GPA: 3.46

Relevant Coursework: Artificial Intelligence, Cybersecurity, Object Oriented Design, Computer Systems, Linear Algebra, Algorithms & Data, Discrete Structures, Probability & Statistics, Logic & Computation, Differential Equations

Honors & Activities: University Honors Program, Dean's Scholarship, Khoury College Annual Award, Northeastern Women in Technology Club, Grace Hopper Conference Attendee

Study Abroad: *University of Edinburgh (Spring 2020)* - a traditional study abroad program in which I am taking courses in Computer Communication & Networks, Astrophysics and South Asian Politics

Summer Dialogue to South Africa (Summer 2018) - a month long program studying the lasting effects of the apartheid in South Africa and conducting research to assist with the expansion of Cape Town's affordable housing project

EXPERIENCE

Software Engineer Co-op | The Learning Corp

July - Dec 2019

- Automated the process of making builds for the iOS and Android apps by implementing a continuous integration and delivery system. It builds, tests and deploys the app and alerts developers when these builds are created via Slack
 - Saved two hours of a developer's time per build by creating them automatically upon merging a pull request
 - Optimized the QA process by producing more frequent and precise builds, each with a summary of the changes made
- Collaborated with a team member to implement a feature for the iOS app allowing clinicians to link their accounts to their patients accounts
- Discovered and fixed bugs related to the flow and design of the newest version of the Constant Therapy iOS app

Mentor | Big Sister Association of Greater Boston

Jan 2018 - Present

- Meet weekly with and mentor a young girl at a local elementary school to guide her through her educational career
- Plan fun and educational activities to do together including learning Scratch and making origami

Volunteer | African Library Project

Jan 2017 - Present

- Collected over 2,000 books and funds to establish two libraries in villages in Ghana, each serving around 300 residents

SKILLS

- Languages & Frameworks:** *Proficient in:* Java, Swift, Python | *Familiar with:* SQL, JavaScript, HTML, CSS, C++, Lisp
- Software:** Eclipse, IntelliJ, Xcode, Android Studio, PyCharm, Jira, Pivotal, Testflight, Crashlytics, Firebase, Git, Excel

PROJECTS

- Stay-Informed-Bot:** (*Node.js, Python, Google Civic API*) Created a Twitter Bot that retweets articles involving your local representatives given a zip code, with the aim of helping people engage more with their local representatives
- Funny or Not?:** (*Python*) Collaborated with another student to develop a machine learning model that recognizes if a joke is funny or not, using naive bayes, decision trees and random forest classifiers
- Excellence Animator:** (*Java*) Implemented the Model-View-Controller design pattern to render interactive animations based on a user's instructions

INTERESTS

- Enjoys Bollywood dancing, designing henna tattoos, mindfulness meditation, reading memoirs and hiking