

Larissa Cox

phone: (970) 433-8140 • email: lmc64@duke.edu
 website: larissacox.me • linkedin: linkedin.com/in/larissacox

EDUCATION

DUKE UNIVERSITY

BS IN COMPUTER SCIENCE

MINOR IN GENDER STUDIES

Expected May 2018 | Durham, NC

GPA: 3.75 / 4.0

COURSEWORK

Data Structures and Algorithms

Computer Architecture

Software Design and Implementation

Database Systems

Artificial Intelligence

Design and Analysis of Algorithms

Operating Systems

TECHNICAL SKILLS

Advanced:

Java • Python

Proficient:

HTML • CSS • JavaScript

Familiar:

C • C# • SQL

LEADERSHIP

CATALYST: PRE-PROFESSIONAL TECH ORGANIZATION |

PRESIDENT AND FOUNDING MEMBER

August 2016 – Present | Durham, NC

I aided in the founding and chartering processes of the organization, planned and lead board meetings of 10-15 people, and organized body meetings, workshops, panels, and social events of up to 50 members.

VOLUNTEER WORK

SPARK CENTRAL | TECH TEACHER

May 2016 – August 2016

I instructed programming classes to groups of 20-30 students using Scratch and code.org.

DUKE FEMMES (FEMALES EXCELLING MORE IN MATH, ENGINEERING, AND SCIENCE) | COUNSELOR

May 2016

I engaged groups of 5-10 girls in STEM projects to build their confidence.

EXPERIENCE

MICROSOFT | PROGRAM MANAGEMENT INTERN

May 2017 – August 2017 | Seattle, WA

- Worked as the lead PM on a team of 5 to create a full stack web application which automated the steps of a hiring process
- Worked with stakeholders to define and prioritize product features
- Led demos for the project and was the face of the team in meetings with the department and with our stakeholders
- Worked as a back end developer for the team

DUKE CENTER FOR INSTRUCTIONAL TECHNOLOGY | DIGITAL EDUCATION INTERN

September 2017 – present | Durham, NC

- Worked with a team of 4 as both a designer and developer to create a full stack web app which helped students learn and retain information
- Worked with a team of 3 to do QA testing on Sakai, a large, open source educational platform used by Duke

DUKE UNIVERSITY | TEACHING ASSISTANT

INTRO TO PROGRAMMING, DATA STRUCTURES AND ALGORITHMS COURSES

August 2015 – December 2016 | Durham, NC

- Instructed students on understanding concepts, writing programs, and debugging code in Java and Python
- Taught a weekly recitation section of approximately 25 students

PROJECTS

GAME AUTHORIZING ENVIRONMENT | JAVA, JAVA FX, XML

- Worked on a team of 10 as a back end developer
- Designed a desktop app that allows users to create and play games
- Environment allows a user to create multi-level games in a game editor, store them to their local computer, load and play them, and save their game play progress

TÜNDER MUSIC DISCOVERY APP | JAVASCRIPT, HTML, CSS, FIREBASE

- Worked on a team of 4 as a back end developer
- Designed a full stack, mobile friendly web application that provides users with previews of music on Spotify
- App allows users to like and dislike songs, stores information about these preferences in a Firebase database, and allows the user to create Spotify playlists based on these preferences

WOMEN FOR WOMEN WEB PORTAL | C#, HTML, CSS, MICROSOFT AZURE

- Worked on a team of 6 as a front end developer and PM
- Designed a web portal to help WFW sponsors communicate with the women they sponsor using computer vision to read and translate text from images
- Led discussions and demos with WFW representatives