

Fatima Silva

Full Stack Developer

Creative and persistent self-starter with a fresh take on software development. Eager to bring undergraduate accomplishments and experiences to the table while learning from seasoned professionals, combining cutting-edge ideas to implement results-focused solutions.

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📍 Durham, NC

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Projects

Party Playlist Votes

Creator

- Built a native mobile app for Android and iOS that allows a party host to invite attendees to vote on which songs to play next, reducing time to choose music by an average of 60 minutes per party
- Utilized the Spotify API, and built an interactive, real-time voting function
- Used Swift, Java, SQL, HTML/CSS to develop app with 96% positive reviews
- Started with a mobile app for Android, and learned Swift to port it to iOS

Student Coder Club

Mentor

September 2018 - current

- Mentored 200+ freshman majoring in computer science to provide guidance on challenging classes and perform code review for their first CS projects
- Served as vice president in 2020, and currently serving as president
- Organized 8 workshops and student-led events per semester, such as Q&A with software engineers, training for app design, and internship opportunities

Duke University Soccer Intramurals

September 2017 - current

- Participated in 12+ intramural games per semester, winning 82% of games
- Led an initiative to mentor and coach local youth soccer teams in the community for 10 hours per month
- Practiced with team 2-3 times per week, and helped organize workouts and social events

Skills

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- Advanced: Java, Unix, Git
 - Familiar: Swift, SQL, HTML/CSS

B.S., Computer Science

Duke University

September 2017 - May 2021 | Durham, NC | GPA: 3.91

Awards: Presidential Scholarship; Cum Laude Society; Dean's List (all semesters)

Education

Relevant courses: Data Structures; Algorithm Design; Database Management Systems; Computer Vision; Software Design Methodology