

AKHILA S. BALLARI

U.S. Citizen

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Objective

Acquire a software engineering internship as a full stack web or app developer for Summer 2018 in order to gain real-world programming experience and enhance my knowledge in computer science.

Education

Georgia Institute of Technology (Atlanta, Georgia)

August 2017 - May 2020

- Candidate for Bachelors of Computer Science (Intelligence and Media)
 - Overall GPA: 3.93/4.0
 - Courses: Intro to Artificial Intelligence, Computer Organization & Programming, Objects & Design, Data Structures & Algorithms
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Projects (More on Github)

“Buzzed” - gt-buzzed.herokuapp.com

- Website that hosts a questionnaire directed towards Georgia Tech students to gauge how well they manage their academic and social lives
- Worked in a team of four for a hackathon project to develop an interactive interface and backend server
- My roles include working on backend, programming in Python to produce an algorithm to efficiently plot each student on the spectrum, and deploying the site.
- Website uses Node.js, Python, HTML, CSS, & JavaScript and is deployed on Heroku

“Firebase Chat”

- iOS App that utilizes Google Firebase to enable real-time messaging between devices.
- Creates a communication interface with anyone using firebase credentials
- Designed frontend by using TableViews to organize messages, sorted messages based on time of delivery, and implemented an in memory solution to store each user’s name and message

“Pin Drop”

- iOS App that lets users drop and save pins on a map to track their travels
- Utilized Swift Codables and UserDefaults to persist pins and data between app launches in order to save data
- Worked with MapKit to create an interactive map interface

“iDraw”

- iOS App for amateur artists to draw on a canvas
 - Utilized CGFloat, CGPoint, and UIBezierPath to create smooth paths that follow each touch on the canvas and UIColor to allow users to customize their art
 - Working on creating saving and sharing features so artists can have access to their previous pieces
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Skills & Interests

- **Programming Languages:** Java, Swift, Python, HTML/CSS, & C
- **Concepts:** iOS Dev, Web Dev, OOP, Data Structures & Algorithms, AI & Git
- **Organizations & Clubs:** Georgia Tech Women at College of Computing (W@CC), Society of Women Engineering (SWE), GT iOS Club, GT Bits of Good (nonprofit), The Agency (AI), GT Design Club, GT WebDev
- **Hackathons:** HackGTeen, The Home Depot <code_athalon>, HackGT