

Bharat Srirangam

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Objective

To obtain a Data Scientist or Software Developer internship during the summer of 2018

Education

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, GA

Bachelor of Science in Computer Science

(Expected Graduation May 2020)

Minor in Mathematics

Second Year

GPA: 3.93/4.0

- Threads: Information Internetworks, Devices
- Relevant Coursework: Object Oriented Programming, Data Structures and Algorithms, Honors Discrete Math, Computer Systems and Organization, Objects and Design, Introduction to AI

Skills

Computer: (Languages) Proficient: Java | **Medium:** Python, SQL, C, Bash, HTML, CSS | **Knowledgeable:** C++, JavaScript
Developer Tools: Git, JDBC, TestNg, ANT/Gradle, Hibernate, Java Reflection, Bootstrap, Json/GSON, Android, Firebase

Experience

Actifio Inc.

Waltham, MA

Software Engineering Intern

June 2017 – August 2017

Actifio is a technology firm designed to provide Data Management as a service. Customers use a company developed application to retrieve, manipulate, and review their current storage information.

- Developed parts of our company's Restful API with Java (called on by the UI) to add features such as filtering and ordering for when customers are reviewing their data
- Created/wrote several tests using TestNg and refactored major parts of the application's UI code base
- Learned skills in developer tools such as ANT, Hibernate, PostgreSQL and the concept of Rest APIs

Einstein's Workshop

Burlington, MA

Mentor/Teacher's Assistant/Event-Coordinator

November 2011 – June 2016

Einstein's Workshop is a maker space for grades preK-10 dedicated to learning the skills of an innovator, inventor and creator. The Workshop is dedicated to stimulating interest in STEM through camps and classes.

- Managed customers and young children, who had questions (both mechanical/conceptual and informational)
- Taught and Tutored children in basic skills of Scratch, Inkscape, NXT Design and Software, Minecraft Art, etc

Extracurricular Projects

CourseTree (CT): Course Planning Application

CT is a web application that pairs with applications such as courseoff.com/Coursicle. It is often hard for students to choose the appropriate courses and which sequential courses to take. CT allows for students to easily plan for future schedules.

- Created unique data structures for a graph implementation to store the course hierarchy in an accessible/efficient way
- Developed skills in full-stack development and software development practices such as Agile/SCRUM processes

Hackathons/Class Projects

Object Oriented Design (CS2340): BoRats.Inc

BoRats.Inc is a mobile android application that keeps track of rat sightings throughout New York City. This java app was made in our CS2340 class which aims at giving us experience with approaches to software development in the industry.

- Was elected Team Leader and assigned work appropriately. I held us accountable to achieve every milestone in time.
- Developed in Java using Android Studio. Implemented Google's Firebase for multiuser backend capability and tested with JUnit classes for quality and functionality. Project was also developed using Agile Principles and Values/Scrum

ArchHacks: MediCheck

An app for the Amazon Dot that helps patients with Alzheimer's by setting up reminders for these patient's medication.

- Created using Amazon's Alexa, Alexa's App Builder and AWS Lambda Programming

Activities

College Activities: Web-Dev Club | The Makery | Georgia Tech Crew Club (Rowing)

Interests: Web and Application Development, Software Development, Networking, Neural Networks, Dancing