# Bharat Srirangam

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**Objective**

To obtain an 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: 4.0/4.0**

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

**Skills**

**Computer: (Languages) Proficient:** Java **|** **Medium:** Python, SQL, C, Bash, HTML, CSS **|** **Beginner:** 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: Course Planning Application**

CourseTree is a web application that is meant to complement applications such as courseoff.com and Coursicle. It is often difficult for students, especially freshmen, to choose the appropriate courses and which sequential courses to take. CourseTree provides a way for students to conveniently choose and plan for future schedules.

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

**Hackathons/Projects**

**MediCheck**MediCheck is an app created for the Amazon Echo/Dot. Its purpose is to help patients with Alzheimer’s Disease and elderly patients with taking their medications by using Amazon’s Alexa to set checkpoints/reminders for these patients.

* Created using Amazon’s Alexa App Builder and AWS Lambda Programming
* Implemented a cost-effective solution that could save lives if distributed as a finalized app for ‘Dot’ owners

**Activities**

**Hackathons:** ArchHacks, HackGTeeny, HackGT

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

**Interests:** Web and Application Development, Software Development, Networking, Neural Networks, DancingBottom of Form