# Bharat Srirangam

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**Objective**

To obtain a part-time job during the 2017-2018 school year or an internship during the summer of 2018

**Education**

**GEORGIA INSTITUTE OF TECHNOLOGY Atlanta, GA**

**Bachelor of Science in Computer Science (Expected Graduation May 2020)** *August 2016 – Present*

**GPA: 4.0/4.0** **Second Year (Junior by Credit Hours)**

* Threads: Information Internetworks, Devices
* Relevant Coursework: Object Oriented Programming, Linear Algebra with Abstract Vector Spaces,   
   Data Structures and Algorithms, Honors Discrete Math, Computer Systems and Organization, Object Oriented Design, jjjjjj Introduction to AI
* Math Mathematics Minor

**Experience**

**Actifio Inc. Waltham, MA**

***Software Engineering Intern*** *June 2017 – August 2017*

*Actifio is a late stage startup designed to provide Data Management as a Service. Appealing to a target audience of large enterprises, Actifio sells critical services such as Disaster Recovery, Copy Data Management, and Instant Data Access.*

* Increased the convenience and by extension value proposition of our product by enhancing our UI with several functions such as filtering and ordering data output.
* Implemented a higher standard for the quality of our product by writing several tests using TestNg and organizing the code base for the UI of the product.
* Developed skills in tools and concepts such as ANT, Hibernate, 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 teaching the skills required of an innovator, inventor and creator. The Workshop is dedicated to stimulating an interest in the fields of STEM through camps and classes.*

* Managed customers and young children, who have 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 services and applications such as courseoff.com and Coursicle. Often times, it is difficult for students, especially freshmen, to choose the appropriate courses to take and which sequential courses to take. CourseTree provides a way for students to conveniently choose and plan for future schedules.*

* Developed the proper data structures in a unique graph implementation to represent the course hierarchy in an appealing way.
* Created an understanding of the aspects that go into deploying and implementing a complete web application.

**Hackathons/Projects**

**Civilization VI CS1331 Edition**

*We created and coded a version of Civilization - a turn based strategy game that was the focus of our homework in our CS 1331 Object Oriented Programming Class. We were responsible for creating a majority of the Classes and functionality of the game – including the UI.*

* Created the units and their functionality using Java
* Effectively Used Java by incorporating unique concepts such as Inheritance and Polymorphism as well as Javafx

**MediCheck***MediCheck is an app that was created for the Amazon Echo and Dot. Its purpose is to help patients with Alzheimer’s Disease and other elderly patients remember to take their medications by using Alexa (Amazon’s AI) to set checkpoints and 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

**Skills**

**Computer: (Languages)** Java, SQL, C++, Python, C,

**Developer Tools:** JDBC’s, TestNg, ANT, Hibernate’s API, Java Reflection

**Publications:** Skeletal Fluorosis Prevention Analysis

**Activities**

**College Activities:** Georgia Tech Crew Club (Rowing) *August 2016 – Spring 2017*

Web-Dev Club, Grey Hat Cybersecurity Club *August 2017 – Present*

**Interests:**  Web and Application Development, Cybersecurity, Networking, DancingBottom of Form