Bharat Srirangam

Lexington, MA 02421 • (317) 902 – 7190 • bharatsrirangam@gatech.edu • linkedin.com/in/bharat-srirangam

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, Dancing