Bharat Srirangam

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Objective

To obtain a summer 2017 internship

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   **Sophomore**

- Threads: Information Internetworks, Devices
- Relevant Coursework: Object Oriented Programming, Linear Algebra with Abstract Vector Spaces, Data Structures and Algorithms, Honors Discrete
- Math Mathematics Minor

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, C++
Lab Equipment: Chemistry Lab Equipment
Publications: Skeletal Fluorosis Prevention Analysis

Experience

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

Activities

Affiliations: American Junior Academy of Science/Massachusetts Junior Academy of Science   *Sep 2015 - Present*
College Activities: Georgia Tech Crew Club (Rowing)   *August 2016 – Present*
                        Grey Hat CyberSecurity Club   *August 2016 – Present*
Interests: BCI's (Brain Computer Interfaces), Cybersecurity, Networking, Dancing

Extracurricular Projects

LexSciBowl (Middle School National Science Bowl Competition)   **www.lexscibowl.org**
Event Co-Coordinator and Creator/Communication and Outreach Director/Meeting Leader   *May 2015 –May 2016*
LexSciBowl is a version of the popular National Science Bowl competition for middle school students. Middle school teams from the surrounding towns were gathered to participate in a competition that would stimulate an early interest in science and mathematics.

- Coordinated and Organized the arraignment and distribution of supplies for the competition on "game" day
- Represented our brand new organization when communicating to other schools, companies, and other organizations
- Managed and Developed the layout/structure of the event by leading Coordinator Meetings

Skeletal Fluorosis Prevention Analysis   **Lexington, MA**
Publication Co-Author/Project Leader/Active Scientist   *December 2014 – May 2016*
This publication about Skeletal Fluorosis(SF) prevention describes a science project that I started in 11th grade. The project was focused on the discovery of a brand new cost-effective method to remove fluoride from water, effectively preventing SF.

- **Received Several Prestigious Awards**: Semi-Finalist of the 2015 Clean Tech International Competition || Semi-Finalist in the Siemens Science Discovery || 1st/2nd at the Massachusetts State Science and Engineering Fair in 2015/2016
- Published in the American Junior Academy of Science/Massachusetts Junior Academy of Science Research Journals
- Discovered and Experimented using the Scientific Method to create a new method to remove fluoride from water