Deb Banerji

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OBJECTIVE

To obtain a summer 2017 software engineering internship

EDUCATION

Georgia Institute of Technology, Atlanta, GA   **August 2015 – Present**
- Bachelor of Science in Computer Science - GPA: 4.00/4.00   Expected Graduation: May 2019

EXPERIENCE

Project Manager, *The Village Shop,* New Delhi, India - 8 hours daily   **March 2015 – August 2015**
- Built, programmed devices to measure soil moisture - *Arduino, C++*
- Built, programmed weather stations - *Arduino, C++*
- Designed, built, programmed quadcopters for agricultural surveillance - *Arduino, C++*

Intern, Social Media, *Module One Limited,* New Delhi, India - 6 hours daily   **May 2013 – June 2013**
- Generated traffic for the company website through content marketing

LEADERSHIP AND INVOLVEMENT

Member, *Georgia Tech Programming Team*, Atlanta, GA   **September 2015 - Present**
- Solving computational problems in programming competitions - Java, C++

Competitor, Volunteer, *World Cube Association*   **February 2014 - Present**
- Competed in, volunteered at multiple official World Cube Association Rubik's Cube competitions
- World Cube Association Competitor ID: *2014BANE01*

Secretary, *Georgia Tech Residence Hall Association*, Atlanta, GA   **September 2015 - December 2015**
- Elected to manage bills, organize social events for Goldin, Field, Stein, Hopkins hall residents

Volunteer, *Indian National Trust for Art and Cultural Heritage,* New Delhi, India   **June 2014**
- Digitized and organized information pertaining to local monuments

PROJECTS

- Simulator to calculate power consumption of mobile device RAM - *Python*   **Undergraduate Research**
- Home surveillance, automation system - *Android, Arduino, Raspberry Pi, C++, Java, Python*   **Winner, HackEmory 2016**
- Platform for collaborative community event planning - *Android, Java*   **Runner-Up, CS^2 Hackathon, 2016**
- Platform for sharing and automatic summary generation of news articles - *Android, Java*   **HackGSU 2016**
- Multiplayer 3 dimensional maze game - *Unity, C#*   **Finalist, SwampHacks 2016**
- Application for harmonious audio streaming - *Android, Java, JavaScript*   **Runner up, Georgia Tech Appathon 2015**
- Chat application with profanity tracker - *JavaScript, Node.js, Express.js*   **Winner, HackGTeeny 2015**

SKILLS

Tools: C, C++, C#, Java, Python, HTML 5, CSS, JavaScript, JSON, SQL, Android Development, Git, Arduino, Raspberry Pi, Unity, BASH Scripting, Linux, Windows, Mac OS X
Concepts: Object Oriented Programming, Data Structures, Algorithms, Dynamic Programming, Collections, Recursion, Stacks, Queues, Linked Lists, Skip Lists, Heaps, Binary Trees, Graphs, Maps, Hash Tables
Languages: English - Fluent, Hindi - Native