

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 - *Android, Java, JavaScript, Node.js, Express.js* Winner, HackGTeeney 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