# 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, HackGTeeny 2015**

## SKILLS

**Tools:** 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