

# REEMA PATEL

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**EDUCATION**      **Georgia Institute of Technology, Atlanta, GA.**      **August 2015-May 2019**  
Candidate for B.S. in Computer Science and Literature, Media, and Communication  
GPA: 3.42  
Relevant Coursework: Introduction to Object-Oriented Programming, Data Structures & Algorithms, Objects & Design, Vertically Integrated Projects Research

**SKILLS**  
**Programming Languages:** Java, C++, JavaScript, MATLAB  
**Hardware:** Arduino  
**Business Tools:** Visual Paradigm, SharePoint, Adobe Photoshop, Trello, iMindMap, DropTask  
**Foreign Languages:** Spanish, Gujarati  
**Miscellaneous:** Public speaking, proposal writing, tutoring ages 7-18

**PROJECTS**

**Agricultural Robotic Arm Development Research**      **August 2016-December 2016**

- Developing a device, powered by an Arduino, in a sub-team, that tests fruit ripeness
- Coding back-end of database program that will store fruit ripeness data and develop a Ripeness Index
- Coordinating with other sub-teams to integrate ripeness detector with a robotic arm that can pick the fruit

**Harry Potter Text Adventure Game**      **July 2016**

- Originally a Java GUI game application created using Java Swing
- Later converted into a text adventure using C++

**Free Events in NYC Phone App**      **September 2015-December 2015**

- Windows phone application created using App Studio and Visual Studio
- Created a marketing plan around the app (presentation, video, etc.) and presented to judges

**Computer Science Camp Business Plan**      **August 2014-March 2015**

- Wrote and presented business prospectus outlining business, financial, and marketing needs required to open a computer science camp

**EXPERIENCE**

**iD Tech Camps, Garden City, NY**      **June 2016-August 2016**  
*Instructor*

- Taught students ages 7-18 about programming in Java, game design, and programming game modifications in Minecraft

**We Connect the Dots, New York City, NY**      **November 2013-May 2015**  
*Intern*

- Helped plan summer conference and national application development program
- Taught application development classes on Windows App Studio and Visual Studio
- Worked in team setting to plan technology events, which reached over 1000 students

**LEADERSHIP**

**Emerging Leaders**      **August 2015-May 2016**

- Worked in a team setting to plan university-wide community service events that reached over 2000 students

**Music & Memory**      **September 2013-June 2015**  
Program Lead

- Organized iPod drives and donations to over 100 patients with dementia
- Coordinated activities between volunteers, nursing home staff, and patients

**ACTIVITIES**

**Activities:** Big Data Club (2016), Website Development Club (2016), Contributing News Writer for Technique (2016), Ultimate Frisbee Team (2016), Tutor at Mathnasium (2014-2015)  
**Volunteer:** M.O.V.E. at Georgia Tech Committee Member (2015-2016), Truck Farm (2014-2015)  
**Awards:** General Motors Scholarship (2015), Silver President's Volunteer Service Award (2015), International DECA Competition winner (2015), Business Olympics winner (2014 & 2015)  
**Interests:** Violin, tennis, creative writing