

# Shen Jiang

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## EDUCATION:

### Georgia Institute of Technology, Atlanta, GA

August 2015 – Present

Expected Graduation: December 2019

- Bachelor of Science in Computer Science
- (Planned) future threads: Intelligence and People

### Hwa Chong Institution, Singapore

January 2007 – December 2012

- Singapore GCE A-Levels AAA/B (Integrated Program)
- Awarded National Infocomm Overseas Scholarship from Singapore Government.
- Singapore Mathematical Olympiad: Bronze (2009)
- National Youth Achievement Award: Bronze (2009), Silver (2011)

## EXPERIENCE:

### Medical Response Force, Singapore Armed Forces

October 2013 – December 2014

- Maintained the company's drug store, keeping the catalog of drugs in working condition.
- Managed the drugs for field deployment during company exercises.
- Received Best Knowledge Award from Commanding Officer

## PROJECTS:

### 2 by 2 Rubik's Cube Solver

October 2015 – Present

*Android application for solving 2 by 2 Rubik's Cube*

- Grand Price Winner at Georgia Tech Appathon (Oct 17 – 18, 2015)
- Acquire images of the faces of the Rubik's Cube through Camera interface and process data with color detection algorithm, then apply Rubik's cube algorithm
- Display the calculated solution steps back to the user
- Developed with 2 other teammates and learnt Android Studio from scratch in the process

### Get Me This

*Android application that let the user search for things visually*

October 2015 – Present

- Employs Clarifai API for intelligent visual processing, generating relevant descriptive tags from the pictures
- Filter and merge data from user, then send query through Google Maps API to search relevant locations
- The end-user gets an accurate google map search result based on the image he provided, allowing for new creative ways of searching for things
- Developed with 3 other teammates at UGAHacks 2015

### Labyrinth

January 2016 – Present

*Multiplayer cross-platform maze survival game*

- Top 10 finalist from 78 project submissions at UF Swampacks 2016
- Designed game elements; menus, maps and texture with Photoshop
- Designed and created 3d maze level maps in Unity
- Learnt Unity game studio from scratch to create a highly addictive multilevel and multiplayer game.

### TheBot

February 2016

*Stock trading algorithm*

- Won first prize at CodeB with Bloomberg hackathon
- Focused on earning the highest dividend, analyzed stock price patterns to determine the highest value stocks to buy
- Grew an initial portfolio of 3000 into over 500,000 during trading simulation

## **SKILLS:**

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**Languages:** Java, Objective-C, JavaScript, CSS, HTML, C#  
**Applications:** Android Studio, Xcode, Unity  
**Foreign Languages:** Chinese (Read and Write), French (Read)  
**Music:** Piano, Choral

## **LEADERSHIP:**

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**Humanities Program Initiative** (*Co-founder*) **January 2009 – May 2009**

- Co-organized the inaugural Humanities-In-Challenge competition for students.
- Built the website and managed support of all technical equipment.

**School Environmental Project** (*Founder*) **January 2009 – December 2010**

- Started a project to raise awareness about recycling.
- Developed the project website and taught junior students how to recycle everyday materials.

**Elementary School Tutoring Program** (*Co-founder*) **January 2011 – June 2011**

- Co-organized a weekly tutoring program for elementary school students. Oversaw tutor recruitment.
- Coordinated the program with elementary school teachers. Greatly improved the students' grades from tutoring.

## **CIVIC AND CAMPUS INVOLVEMENT**

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**Class Committee** (*Treasurer*) **January 2011 – December 2012**

- Managed the class fund for textbook and printing fees.
- Raised money and managed them for class gatherings and celebrations.

**Choir** (*Member*) **January 2011 – December 2012**

- European Choral Festival for Young People: 1st cum laude
- Cork International Choral Festival: 3rd

**History and Current Affairs Club** (*Delegate*) **January 2011 – December 2012**

- Delegate at Model ASEAN Summit (2009), Singapore Model United Nations (2011)
- Logistics manager for HC Conflict and Resolution Inquiry (2011)

**National Library Board** (*Volunteer*) **December 2011 – January 2012**

- Promoted the library's loan renewal services, provided assistance to elderly and engaged youths in book reading
- Received Friends of Library Award for my contributions