

# Shen (Caden) Jiang

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## EDUCATION:

<b>Georgia Institute of Technology</b> , Atlanta, GA	<b>Aug 2015 – May 2019</b>
<ul style="list-style-type: none"><li>Bachelor of Science in Computer Science</li><li>Concentration in Intelligence and Modeling &amp; Simulation</li><li>Barcelona Summer Program at Universitat Politècnica de Catalunya (Summer 2016)</li></ul>	GPA 3.78 (Dean's List)
<b>Hwa Chong Institution</b> , Singapore	<b>Jan 2007 – Dec 2012</b>
<ul style="list-style-type: none"><li>Awarded National Infocomm Overseas Scholarship from Singapore Government</li><li>Singapore Mathematical Olympiad: Bronze (2009)</li><li>National Youth Achievement Award: Bronze (2009), Silver (2011)</li></ul>	

## SKILLS:

<b>Languages:</b>	Java, SQL, Python, HTML, CSS, JavaScript, Objective-C
<b>Systems/Tools:</b>	Android Studio, Firebase, Git, Xcode, Unity
<b>Communication:</b>	Chinese (Read and Write), French (Read), Spanish (Read)

## RESEARCH:

<b>Georgia Institute of Technology</b> , School of Interactive Computing	<b>Sep 2016 – Current</b>
<i>Research Assistant – Center for Accessible Technology in Sign</i> <ul style="list-style-type: none"><li>Create a simple web game incorporating sign language contextually allowing deaf children to learn and improve</li></ul>	

## EXPERIENCE:

<b>Singapore Armed Forces</b> , Force Medical Protection Command	<b>Oct 2013 – Dec 2014</b>
<ul style="list-style-type: none"><li>Combat Medic specializing in rapid deployment during chemical, biological and radioactive warfare</li><li>Maintained the drug store, keeping the catalog of drugs in working condition and prepared them for field deployment</li><li>Received Best Knowledge Award from Commanding Officer</li></ul>	

## PROJECTS:

<b>AirPnP</b> , Linode Sponsor Honorable Mention – PennApps 2016	<b>Sep 2016</b>
<i>Connecting private parking spaces with eager drivers</i> <ul style="list-style-type: none"><li>Developed Android based crowdsourcing platform with a clean map interface for searching available parking spaces nearby</li><li>Hosted user map database with MongoDB and executed through Linode servers before sending back to Android device</li><li>Connect using Capital One's Nessie API for instant user payment and Nexmo API to push SMS notifications</li></ul>	
<b>Places Now</b> , Devpost Staff Pick – HackGT@UPC Barcelona 2016	<b>Jul 2016</b>
<i>Find better, more updated information about places through a merger of Google Maps and real-time feeds</i> <ul style="list-style-type: none"><li>Created Android app that used Google Maps API to search for places near current location</li><li>Curated a database of live feeds on every location with Firebase, update and retrieve information</li></ul>	
<b>WingBuddy</b> , First Prize Winner – HackEmory 2016	<b>Apr 2016</b>
<i>Alerts you when your roommate is at home. Get that perfect opportunities when you need the room to yourself.</i> <ul style="list-style-type: none"><li>Create the front-end Android app, focusing on clean design and user experience</li><li>Retrieved information from Raspberry Pi motion detector and update the front-end in real-time with Firebase</li></ul>	
<b>TheBot</b> , First Prize Winner – CodeB with Bloomberg hackathon 2016	<b>Feb 2016</b>
<i>Stock trading algorithm in a simulated environment</i> <ul style="list-style-type: none"><li>Focused on earning the highest dividend, analyzed stock price patterns to determine the best value stocks</li><li>Grew an initial portfolio of \$3,000 to over \$500,000 during trading simulation</li></ul>	
<b>Labyrinth</b> , Top 10 Finalist – University of Florida SwampHacks 2016	<b>Jan 2016</b>
<i>Addictive multiplayer cross-platform maze survival game</i> <ul style="list-style-type: none"><li>Designed game screens, maps and texture with Photoshop and created 3D maze levels in Unity</li></ul>	
<b>2 by 2 Rubik's Cube Solver</b> , Grand Prize Winner – Georgia Tech Appathon 2015	<b>Oct 2015</b>
<i>Solves 2 by 2 cubes by taking pictures of their sides</i> <ul style="list-style-type: none"><li>Developed Android app to acquire cube faces through the camera, processed image data with color detection algorithm</li><li>Coded Rubik's cube algorithm to display solution steps back to user</li></ul>	

## LEADERSHIP:

<b>Southeast Asian Student Association (SEASA)</b> , Treasurer	<b>Jan 2016 – Current</b>
<ul style="list-style-type: none"><li>Manage all SEASA funds, from member dues to event costs</li><li>Raise awareness for SEASA with a singing item at International Harmony Day held by GT India Club</li><li>Work with the executive committee to organize various fund raising events throughout the year</li></ul>	