Shen (Caden) Jiang

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EDUCATION:

Georgia Institute of Technology, Atlanta, GA   **Aug 2015 – May 2019**
- Bachelor of Science in Computer Science   Cumulative GPA 3.83 (Dean's List 2016, Faculty Honors 2017)
- Concentration in Intelligence and Modeling & Simulation
- Barcelona Summer Program at Universitat Politècnica de Catalunya (Summer 2016)

Hwa Chong Institution, Singapore   **Jan 2007 – Dec 2012**
- Singapore Mathematical Olympiad: Bronze (2009)
- National Youth Achievement Award: Bronze (2009), Silver (2011)

SKILLS:

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

EXPERIENCE:

ThyssenKrupp Elevator Americas, Research Innovation Center Atlanta   **Jan 2017 – Apr 2017**
Computer Science Intern
- Develop rich Augmented Reality applications with Microsoft HoloLens
- Create shared holograms experiences with real time touch feedback and voice command activation

RESEARCH:

Georgia Institute of Technology, School of Interactive Computing   **Sep 2016 – Feb 2017**
Research Assistant – Center for Accessible Technology in Sign
- Create a web game incorporating sign language contextually allowing deaf children to learn and improve

PROJECTS:

AirPnP, Linode Sponsor Honorable Mention – PennApps 2016   **Sep 2016**
Connecting private parking spaces with eager drivers
- Developed Android based crowdsourcing platform with a clean map interface for searching available parking spaces nearby
- Hosted user map database with MongoDB and executed through Linode servers before sending back to Android device
- Connect using Capital One's Nessie API for instant user payment and Nexmo API to push SMS notifications

Places Now, Devpost Staff Pick – HackGT@UPC Barcelona 2016   **Jul 2016**
Find better, more updated information about places through a merger of Google Maps and real-time feeds
- Created Android app that used Google Maps API to search for places near current location
- Curated a database of live feeds on every location with Firebase, update and retrieve information

WingBuddy, First Prize Winner – HackEmory 2016   **Apr 2016**
Alerts you when your roommate is at home. Get that perfect opportunity when you need the room to yourself.
- Create the front-end Android app, focusing on clean design and user experience
- Retrieved information from Raspberry Pi motion detector and update the front-end in real-time with Firebase

TheBot, First Prize Winner – CodeB with Bloomberg hackathon 2016   **Feb 2016**
Stock trading algorithm in a simulated environment
- Focused on earning the highest dividend, analyzed stock price patterns to determine the best value stocks
- Grew an initial portfolio of $3,000 to over $500,000 during trading simulation

Labyrinth, Top 10 Finalist – University of Florida SwampHacks 2016   **Jan 2016**
Addictive multiplayer cross-platform maze survival game
- Designed game screens, maps and texture with Photoshop and created 3D maze levels in Unity

2 by 2 Rubik's Cube Solver, Grand Prize Winner – Georgia Tech Appathon 2015   **Oct 2015**
Solve 2 by 2 cubes by taking pictures of their sides
- Developed Android app to acquire cube faces through the camera, processed image data with color detection algorithm
- Coded Rubik's cube algorithm to display solution steps back to user

LEADERSHIP:

Southeast Asian Student Association (SEASA), *Treasurer*   **Jan 2016 – Current**
- Manage all SEASA funds, from member dues to event costs
- Raise awareness for SEASA with a singing item at International Harmony Day held by GT India Club
- Work with the executive committee to organize various fund-raising events throughout the year