

Shen (Caden) Jiang

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<https://github.com/jiangshen> | <http://devpost.com/cadenjiang>

EDUCATION:

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

SKILLS:

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

RESEARCH:

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

EXPERIENCE:

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

PROJECTS:

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| AirPnP , Linode Sponsor Honorable Mention – PennApps 2016 | Sep 2016 |
| <i>Connecting private parking spaces with eager drivers</i> <ul style="list-style-type: none">Developed Android based crowdsourcing platform with a clean map interface for searching available parking spaces nearbyHosted user map database with MongoDB and executed through Linode servers before sending back to Android deviceConnect 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 |
| <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">Created Android app that used Google Maps API to search for places near current locationCurated a database of live feeds on every location with Firebase, update and retrieve information | |
| WingBuddy , First Prize Winner – HackEmory 2016 | Apr 2016 |
| <i>Alerts you when your roommate is at home. Get that perfect opportunity when you need the room to yourself.</i> <ul style="list-style-type: none">Create the front-end Android app, focusing on clean design and user experienceRetrieved 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 |
| <i>Stock trading algorithm in a simulated environment</i> <ul style="list-style-type: none">Focused on earning the highest dividend, analyzed stock price patterns to determine the best value stocksGrew an initial portfolio of \$3,000 to over \$500,000 during trading simulation | |
| Labyrinth , Top 10 Finalist – University of Florida SwampHacks 2016 | Jan 2016 |
| <i>Addictive multiplayer cross-platform maze survival game</i> <ul style="list-style-type: none">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 |
| <i>Solve 2 by 2 cubes by taking pictures of their sides</i> <ul style="list-style-type: none">Developed Android app to acquire cube faces through the camera, processed image data with color detection algorithmCoded Rubik's cube algorithm to display solution steps back to user | |

LEADERSHIP:

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