# Yan Chen

1-718-207-5883 | Github: https://github.com/as005448 | 1100 Holly St NW, GA 30318
chen.yan.cncy@gmail.com | Citizenship: US Permanent Resident

## Objective

Seeking a full-time Software Development or Data Science position beginning May 2016.

## Education

**Georgia Institute of Technology** — Atlanta, GA
Bachelor of Science in Computer Science — Jan 2014 - Present

- Threads: Information Internetworks and Media
- Major GPA: 3.7/4.0, Overall GPA: 3.74/4.0
- Anticipated Graduate Date: May 2016
- Dean's List

## Skills

**Programming Languages**: Java, C, C#, LC2200 Assembly Language
**Back-End**: SQL, MS SQL Server, MySQL, Neo4j (Graph Database), Cypher (Neo4j Query Language), PHP
**Front-End**: HTML, CSS, TypeScript + JavaScript, D3.j
**Software**: Eclipse, MS Visual Studio, Git/Github, Unity3D, Android Studio, Matlab, Auto CAD, Leap Motion
**Operating System**: Windows, Apple IOS, OS, Linux Ubuntu
**Communication**: Public Speaking (Speech, Presentation, Proposal, Letter, Teamwork, Interpersonal), Mandarin

## Related Job Experience

**S&P Capital IQ in Standard & Poor's** — New York City, NY
Software Engineer Intern — June 2015 – August 2015

- Analyze, organize and filter more than 1,000,000 rating data stored in 10 tables (MS SQL Server).
- Design and implement Graph database schema independently and import rating data from MS SQL Server to Graph database (Neo4j).
- Base on the Graph database, Implement data filtering and searching functionalities on a web application using C# .asp.

## Projects

**First Respond (Parkinson's Test)** — March 2015

- Florida State University Hackathon, Best New Hackers Award
- Use LeapMotion Technology to allow the user to do 3 different test for Parkinson's disease. The application will record the test result with MySQL and send the data to the Doctors. The doctor will analyze the data and give appropriate feedback.
- The application is designed using JavaScript on the front-end, and PHP for back-end, the data is recorded real time with MySQL. Leap motion is implemented using JavaScript.

**Information System Application** — January – May 2015

- Analyze, design and implement an information system application to support a library system.
- Analyze and design the system using Enhanced Entity Relationship Diagram, Information Flow Diagram and Relational Schema Diagram.
- Implement a web application using HTML, PHP and MySQL to support more than 10 use cases.

**Shopping with Friends** — January – May 2015

- An Android application that allow users to post information about the price, location and availability of an item, then recommend to their friends who is also using this app.
- Analyze and design the app using Unified Modeling Language (Use Cases, Domain Models, Class Diagrams, Sequence Diagrams, Package Diagram and Robustness Diagram).
- Manage project progress using Agile software development, control project version using Git and Github.
- Implement Google Map, SQLite, etc. on this mobile application.

**GBA game** — March 2015

- A challenge game means to have player move and keep an object in scope of a boundary.
- Implement using C and run in Linux OS GBA emulator.
- Improve performance using Direct Memory Access(DMA).

**Electronic Medical Record** — August 2015 - Current

- Ongoing project in partnership with Progressive Medical Center to replace current paper medical record system with a web based Electronic Medical Record System.
- Analyze the current paper medical record system and design the application using Unified Modeling Language (Use Cases, Domain Models, Class Diagrams, Sequence Diagrams, Package Diagram and Robustness Diagram)
- Implement a web application allows user to manage, modify and organize medical data.