

# Rachel YuQiu Li

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## OBJECTIVE:

Versatile, innovative, and diligent junior developer pursuing a part-time opportunity to progress my talents in technical communication, architectural design, risk management, and work-flow optimization.

## EDUCATION:

### University of Illinois at Urbana-Champaign

Bachelors in Computer Science and Statistics

Minor in Business and Communications

May 2020

GPA: 3.12 / 4.00

### Tsinghua University

Deep Learning Summer Exchange

July 2017

### Coursework:

Data Structures (CS 225)

Software Design Studio (CS 126)

Statistics and Probability I (STAT 400)

Discrete Structures (CS 173)

Foundations of Data Science (INFO 490)

Statistics and Probability II (STAT 410)

## WORK EXPERIENCE AND LEADERSHIP:

### Chinese Language Society

Founder, Secretary

Atlanta, GA

April 2014 – May 2016

- Initiated effort to create the club by petitioning the school in mid-April, and later held position of secretary for one year
- Organized partnerships with national and state level Asian-American interest civil rights groups (Asian Americans Advancing Justice, Chinese Business Leaders of Atlanta, Asian American Resource Center)
- Lobbied for Asian-American rights and voting reform at State Capitol, and expressed concerns to GA governor Nathan Deal.

### Dinerman Group, LLC

Property Management Assistant

Atlanta, GA

May 2017 – July 2017

- Created and updated property listings on various commercial real estate websites such as Co-Star, Loop-net, and Xcelligent.
- Utilized Rent Manager, Salesforce, and Microsoft Excel to streamline payables and manage utility payment processes
- Conducted market studies for various properties to acquire demographics in surrounding area to optimize rent pricing
- Wrote lease proposals and constructed lease applications unique to specific tenant requirements

## PERSONAL PROJECTS:

### Period Tracker (Android Application):

- Reliable menstrual-cycle tracker for women and adolescent girls to track their cycles safely and effectively.
- Estimates of the user's begin date, end date, and average length will dynamically change as the user inputs more information.
- Implemented using Android Studio and Google's Firebase Data-Base to create authentication and a message system.

### Movie Parser (Android Application):

- Movie Parser application that will display a list of movies from the movie DB based on user's preference and requirements
- Implemented with Movie DB's API key; receiving JSON data, and parsing using the GSON library to display results.
- Can display and sort movies dynamically based on genre, date, rating, and popularity with real-time results.

### Go Fish (Java Program):

- Java program based on the popular card game with three to five people, who in turns try to guess and take cards to create a suit.
- Players the user can play against include: naïve, smart, and very smart: Naïve players randomly select cards, Smart players will select cards other users have guessed, and Very Smart players utilize a hash map to guess other players' hands more accurately.
- Out of 100 cases, the Very Smart player will beat the Smart Player in about ~94 cases, and the naïve player in about ~99.

## SKILLS:

**Programming Languages:** Java, JavaScript, R, Python, C, C++, HTML, CSS, SQL

**Software:** Android Studio IDE, Adobe InDesign CC, Adobe Photoshop CC, R Studio, Firebase, Oracle

**Languages:** English (Fluent), Chinese (Fluent)

**Interests:** Database and Information Systems, Data Science, Computer Security