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   *May 2020*

Bachelor of Science in Computer Science and Statistics   *GPA: 3.21 / 4.00*
Minor in Business, Communications

Coursework:

Data Structures (CS 225)	Foundations of Data Science (INFO 490)
Software Design Studio (CS 126)	Discrete Structures (CS 173)
Statistics and Probability I (STAT 400)	Statistics and Probability II (STAT 410)

WORK EXPERIENCE AND LEADERSHIP:

Chinese Language Society   *Atlanta, Georgia*
Founder, Secretary   *April 2014 - May 2016*
- Initiated effort to create the club by petitioning the school, 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 Georgia State Capitol

Application Software Development   *Atlanta, Georgia*
Treasurer   *August 2014 – May 2016*
- Organized fundraiser events, set amounts for dues, and coordinated coding outreach to local elementary schools
- Taught classes for python and java twice a week at the intro and intermediate levels to local high schoolers
- Organized monthly high-school tournaments and participation in national coding events, i.e.. CodeQuest

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 and end date 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 based on the user's preference and requirements.
- Implemented with Movie DB's API key, receiving JSON data, and parsing using GSON library to display results.
- Can display and sort movies based on genre, date, rating, and popularity with real-time results.

SKILLS:

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

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

Languages: English, Chinese (Fluent / Native Speaker)

Interests: Database and Information Systems (Data Mining), Machine Learning, Computer Security, Economic Statistics