

# Boyue Zheng

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Objective: Seeking a **Software Engineer Full-time** position

## Education

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### Georgia Institute of Technology

Atlanta, GA

*M.S. Computational Science & Engineering, GPA 3.85/4.0* Aug. 2019 – May. 2021 (Expected)

- Teaching Assistant of CS 7632 Game AI

### Renmin University of China

Beijing, China

*Bachelor of Economics, GPA 3.24/4.0*

Sep. 2015 – Jun. 2019

## Skills

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Java, Python, Go, C/C++, JavaScript, HTML/CSS, MySQL, MongoDB, Git, Splunk, Docker, Ansible, Jenkins

## Work Experience

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### Application Development Engineer Intern @ ADP

Atlanta, GA

*Authentication and Identity Management DevOps team*

2020 Summer

- Implemented Continuous Deployment pipeline of Authentication Gateway Apache server as part of migration from old network to new network using **Docker** and **Jenkins**. Automated configuration management using **Ansible**. Keeps SDEs from repeated manual work.
- Built **Splunk** dashboards to continuously monitor and send alerts of 100+ applications' Authentication Gateway, SiteMinder Policy Server and OS related statistics. Automated adding, updating and deleting AG Apache/SM Agent instances to dashboards. Reduces troubleshooting time.

## Project Experience

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### Atlanta Movie Online System Design

2019 Fall

- Designed relational schema to support all the functionalities and developed MySQL Database.
- Implemented Web front-end and Python Flask back-end with RESTful API to provide easy online ticket service for customers, and allowed employees to manage movies and theaters.
- **Back-end:** Flask, MySQL **Front-end:** JavaScript, JQuery, Jinja2, Bootstrap4

### React/Node-based Feedback Collection Web App

2019 Fall

- Enabled users to send surveys to clients, consumers or subscribers by entering a list of emails and get feedback collection via Email Provider.
- Designed the front-end by React/Redux, used MongoDB as database and integrated Stripe for user payment.
- Built the back-end by Node.js and Express, and enhanced authentication flows with Google OAuth authentication.

### Earthquake Watcher - Android Mobile App

2020 Spring

- Developed a real-time earthquake information Android Mobile app with Google Maps API in Java and provided users the exact locations of recent earthquakes with markers on map.
- Used the Earthquake API provided by US government which extracts the GeoJSON data of the real-time Earthquake information.