

# JINGJING YE

699 Spring Str 30308 Atlanta

EMAIL: jye312@gatech.edu TEL: +1 (470)574-9179

---

## EDUCATION

### M.S. Computer Science

Georgia Institute of Technology, Atlanta GA

August 2021 - May 2023

### B.Eng. Electronic Information Engineering

ShanghaiTech University, Shanghai, China

September 2015 - June 2019

- **Core Courses:** Data Structures, Linear Algebra, Probability and Statistics, Computer Graphics, Artificial Intelligence, Software Engineering, Database and Data Mining, Machine learning, Intro to CV, Data Visualization

---

## WORKING EXPERIENCE

### Microsoft — Software Engineer & DevOps Engineer — Shanghai Redmond Services for Microsoft Docs with C # and .NET Core .NET Framework

January 2021 - August 2021

- Managed CI/CD process and test for services at **Devops**.
- Took own of Notification Service which sent email and event for other services. (**Azure, K8S, Swagger**).  
Result: 0 Live Site Incident during my duty. **Upgraded** from .NET Core 3.0 to **.NET Core 5.0**
- Implemented **Service to Service authentication and authorization**. ( **RBAC** –Role-based access control )  
Result: Made service safer and easier to add authorization(by **AAD**–Azure Active Directory) for other services.
- Realized **MSI**(Managed identities) for Azure resources like **CosmosDB, Redis,Service Bus, EventHub etc.**  
Result: Made the connection conform to newest security standard and the data at storage safer.

### General Motors — Software Engineer — Shanghai Vehicle sales platform with Java

July 2019 - December 2020

- Designed data schema and to store cars and dealers' information at **Oracle**.
- Developed backend for the sales platform which used by dealers with **Java, Spring Boot, Maven, Mybatis**.
- Elaborated the frontend for the sales platform with **typescript and Angular**.  
Result: 0 bug at UAT(User Acceptance Testing). Completed thirteen billion RMB order at the platform one year.  
**upgraded** the dealer platform to **Angular 8.0**.

### Yoke Intelligence — Software Engineer Intern — Shanghai

December 2018 - May 2019

### Intelligent Monitoring system for COMAC (Commercial Aircraft Corporation of China) with Python

- Built the backend system to monitor realtime Heat map, workers' attendance etc. with **Django, Mysql**.
- Deployed and managed the service on COMAC factory's server with **Docker**.

---

## WORK AND RESEARCH PROJECT

### FashionDeepBlue China, directed by Yilu Zhou, Agnes Kubia — Shanghai

June 2019 - April 2020

### Tagging system online for cloth recognition (Typescript, python, Django, Postgresql)

- Initiated backend with **Django, Postgres** as database where pic information and tagging coordinate were stored.
- Designed and Implemented a Web UI using **Typescript** to allow area selection on clothes.

### The Color AI Lab, USA, directed by Yilu ZHOU — Shanghai

August 2018 - January 2019

### Extracted the main color of garment from runway pictures, predicted the future trend of color

- Wrote Color clustering algorithm **K means** .
- Designed Skin color removal algorithm from scratch.
- Result: Released in trend analysis report of 2018 Shanghai fashion week (**Xinhua News Agency**)

---

## PUBLICATIONS

- Finding Real-life Doppelgangers on Campus with MTCNN and CNN-based Face Recognition; Jingjing YE, Yilu ZHO
- Conference: The 18th Pre-ICIS Workshop on e-Business
- Content: Implemented MTCNN do the face recognition; Trained a face detection model with Softmax and Center Loss as loss function.; Extracted feature and got similarity of faces. Dataset: LFW. Frame: CAFFE.

---

## AWARDS AND HONORS

**Outstanding Individual of Annual Undergraduate Industry Practice** , ShanghaiTech University

2017

**Honorable Mention, ICM(Interdisciplinary Contest In modeling )** , Global

2017 2018

---

## SKILLS

**Programming Languages:** Java, C#, Python, SQL, C++, Matlab, TypeScript, JavaScript

**Tool-kits/ Framework:** Docker, Azure, Maven, Mybatis, PyTorch, .NET, Spring Boot, Angular, Vue, Django