

# Felice Xie

47 Old Brook Road, Shrewsbury, MA, 01545 | US Citizen | (617) 653 3683 | felicesiyuexie@gmail.com | <http://www.linkedin.com/in/felicexie>

## Education

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### Georgia Institute of Technology

Atlanta, GA

- Expected Graduation: Dec 2023
- Bachelor of Science in **Computer Science**
- GPA: **4.00/4.00**
- **Education Abroad:** Technical University of Catalonia, Barcelona, Spain

Summer 2022

## Experience

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### Software Engineering Intern | Ultimate Kronos Group (UKG)

Anticipated Start Date: January 2023

- Engage in code reviews in an Agile environment and participate in an immersive onboarding bootcamp
- Use Object Oriented Programming to create practical solutions impacting 70,000+ global customers

### Undergraduate Research Assistant | Georgia Tech

Spring 2021 – Spring 2022

- Study and understand how to improve mental health treatment in underserved youth in rural California
- Clean and analyze large, complex Medicaid Claims datasets using techniques in SQL, Python, and R

### Sustainment Analytics Co-Op | Collins Aerospace

Summer 2021 – Winter 2021

- Queried from Teradata to develop Tableau dashboard to aid repair shops in provisioning materials for repairs
- Synchronized external data sources with company enterprise data warehouse database tables to build a foundation for downstream future reports and projects
- Leveraged Python to construct material replacement factors to predict level of inventory demand for repairs
- Gathered and transformed non-structured market intelligence data for creation of Tableau dashboard visuals

## Projects

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### Dyslexia Application | Georgia Institute of Technology

Summer 2022

- Utilized Figma and Figma to create animations of a driving game to keep students engaged in application
- Worked with team of 2 to design user interface that helped dyslexic students improve lesser-known struggles

### Tower Defense Game | Georgia Institute of Technology

Spring 2022

- Used Android Studio to implement working Tower Defense Android game with easy, medium, and hard levels
- Recorded meeting minutes and led weekly meetings with team of 4 to ensure that we were on track to finish

### Defense Logistics Agency Product Request Status Report | Collins Aerospace

Summer 2021

- Used company data to update reports regarding status of purchase requests to government confirm orders
- Utilized Teradata and Excel functions to extract data from company databases regarding order part
- Communicated with Power & Controls team for additional information before sending back to government

### Moving Graphical User Interface (GUI) | Georgia Institute of Technology

Fall 2020

- Collaborated to create GUI that allowed user to compare 182 countries to determine best country to move to
- Used BeautifulSoup, NumPy, and Pandas to extract/clean data from HTML websites, CSV files, and Excel files
- Created interactive bubble map and line graphs using Plotly displaying trends between different countries

## Skills

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### Technical Skill:

- **Data Visualization:** Matplotlib, Plotly, Seaborn
- **Programming Languages:** Python (NumPy, Pandas), SQL (MySQL, PyMySQL), Java (Object Oriented Programming, Data Structures), C
- **Other Tools:** Figma, Tableau
- **Languages:** English (fluent), Cantonese (fluent), Mandarin (intermediate)

## Leadership

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### Secretary, Vietnamese Student Association

August 2021 – May 2022

- Take organized notes during executive board meetings to be referred to during future meetings and events
- Reach out to administration and external companies relating to room and equipment reservations
- Release meeting minutes, Google calendar, and updates within monthly emails to ensure transparency

### Event Coordinator, Vietnamese Student Association

August 2020 – May 2021

- Collaborated and managed with three directors for last-minute, large scale events, strengthening communication and organizational skill