

Ruizhi “Rebecca” Luo

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EDUCATION

Emory University || (Atlanta, GA)

Spring 2022

Major: Economics (Finance Concentration) & Computer Science || Cumulative GPA: 3.86 /4.00

Relevant Course Work: Data Structures & Algorithms; Database Systems; Econometrics; International Trade; Business Design Thinking

Societies: Omicron Delta Epsilon; Women of Rewriting the Code Fellowship; Girls Who Code; Hexawise Gurus

TECHINICAL SKILLS

Coding Languages: Java (proficient); SQL (proficient); R (proficient); Python (familiar); HTML (familiar); CSS (familiar)

Tools: R-Studio; Oracle SQL Developer; PostgreSQL; Microsoft Office; Figma; Linux; Jupyter Notebook

Languages: Chinese-Mandarin (Fluent); English (Native)

WORK EXPERIENCE

EY || (New York, NY)

Summer 2021

FSO Technology Risk Consulting Intern

- Conducted external audit activities to validate internal IT controls of clients post merge/acquisition and ensure data integrity
- Researched and gained exposure to various industries to engage with clients in the fashion/accessories and semiconductor industry
- Assessed 30 + IT application risk controls in the Oracle and SAP systems through placemats and population sample tests

Fidelity Investments || (Durham, NC)

Summer 2020

Technical LEAP Intern: Data Analytics & Management

- Utilized SQL to query and investigate a Oracle database of personal investing application incident reports since 2017
- Optimized methods to reduce impact of low severity incidents through data visualization of machine learning models in R-Studio
- Collaborated with quality-assurance managers of 15 teams to eliminate data inconsistencies onboarding a new incident reporting platform

Emory Research Partners Program || (Atlanta, GA)

Fall 2019 – Present

Undergraduate Researcher Fellow at the Saikawa Lab

- Working to deploy air quality data in real-time to people within the Emory and Atlanta community through an informative website
- Compiled the WRF-Chem model to analyze the effect of canopy height on air quality in Korea and authored a user guide for lab members

LEADERSHIP / COMMUNITY INVOLVEMENT

Emory ProgramHers

Spring 2019 – Present

Senior Advisor & Founding Member (previous President)

- Strategized and implemented advertising methods to publicize the newly founded women-in-tech organization at Emory
- Organized professional and community development events within the female CS population of over 100 students
- Supervised a budget of over \$12,000 for speaker expenses, scholarships, and event expenditures
- Managed the application process for Emory’s full cost Grace Hopper Conference Scholarships with the CS department faculty/staff

Girls Who Code

Fall 2018 – Present

Senior Advisor & Academic Facilitator (previous President)

- Equipped 40+ middle and high school girls with coding skills to encourage female participation in technological fields
- Created lesson plans on Python, CSS, JavaScript, and HTML and led the girls to complete a semester long impact projects with GitHub
- Launched a virtual learning curriculum and trained 30 + Emory volunteers to mentor students during the Covid-19 pandemic

PROJECTS

Air Emory

Fall 2020 – Present

- Facilitating the front-end development of website for the student-led air quality senior project: [AirEmory Github](#)
- Coordinating with local organizations to organize community initiatives such as Science ATL and the Georgia Air Quality Challenge
- Collaborating with local schools to set up 30 additional air quality sensors from Airly to monitor air quality in underrepresented areas

Migrant Children’s Foundation (MCF)

Fall 2020 – Present

- Translated the MCF’s Corporate Social Responsibility booklet to Chinese to encourage sponsorship from companies in Beijing
- Developing a 12-week interactive environmental education curriculum for migrant students in Beijing to promote environmental literacy