Ruizhi "Rebecca" Luo

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WORK EXPERIENCE

Bain & Company (Boston, MA)   **Aug 2022 – Present**
Expert Associate Consultant: Technology Insights Group
- Executed 25+ tech due diligences and value creation projects with a tech-enabled team for private equities on software-focused targets
- Conducted various target assessments on product differentiation, tech architecture, hosting infra, AI-enabled sentiment scraping, etc.
- Managed key workstreams, effectively coordinating with cross-functional teams, clients, and external vendors to achieve objectives
- Developed internal tools to automate census analysis; delivered teach-ins on current tech topics (e.g., virtualization)
- Fostered practice growth (currently 50+ FTEs) through mentorship, client development, and enhancing team meeting structures

Emory Saikawa Lab (Atlanta, GA)   **Sep 2019 – May 2022**
Undergraduate Research Fellow & AirEmory Member
- Orchestrated front-end development of the website for the student-led air quality sensor project: AirEmory Github
- Coordinated with local organizations to organize community initiatives such as Science ATL and the Georgia Air Quality Challenge
- Collaborated with local schools to set up 30 additional air quality sensors from Airly to monitor air quality in underrepresented areas

EY (New York, NY)   **Jun - Aug 2021**
FSO Technology Risk Consulting Intern
- Conducted external audits to validate 50+ internal IT risk controls of clients post M&A through placemats and population sample tests

Fidelity Investments (Durham, NC)   **Jun – Jul 2020**
Technical LEAP Intern: Data Analytics & Management
- Utilized SQL to investigate an Oracle database of personal investing application incident reports since 2017
- Identified potential correlations to reduce the number of low severity incidents through data visualization of ML models in R-Studio

EDUCATION

Emory University (Atlanta, GA)   **Aug 2018 - May 2022**
Majors: Computer Science, Economics | Cumulative GPA: 3.8 /4.0
Relevant Courses: Database Systems; Managerial Economics; Econometrics; Business Design Thinking; Multidiscipline Design; Machine Learning
Teaching Assistant Courses: Database Systems CS 377; Microeconomics ECON 201

LEADERSHIP / COMMUNITY INVOLVEMENT

Boston Chinatown Neighborhood Center (BCNC)   **Sept 2022 - Present**
College Access and Post-Secondary Program Mentor
- Facilitated weekly sessions in Mandarin with matched mentee through Junior and Senior year of high school for post-secondary plans
- Led mentee through college application, financial aid process, career exploration, resume workshops, and art portfolio creation
- Participated in community workshops (e.g., mental health best practices and racial biases); volunteered for career panels

Migrant Children's Foundation (MCF)   **Nov 2020 – Dec 2023**
Volunteer
- Developed a 12-week interactive environmental education curriculum for migrant students in Beijing to promote environmental literacy

ProgramHers (Emory)   **Jan 2019 – May 2022**
President, Senior Advisor, Founding Member
- Strategized advertising methods; organized professional and community development events for a community of over 100 students
- Supervised an annual budget of ~ $12,000 and managed Emory's Grace Hopper Conference Scholarship application / selection process

Girls Who Code (Emory)   **Aug 2018 – May 2022**
President, Senior Advisor, Academic Facilitator
- Equipped 40+ middle/high school girls with coding skills annually; created lessons on Python, web dev. for semester long impact projects
- Launched a virtual learning curriculum and trained 30 + Emory volunteers to mentor students during the Covid-19 pandemic

Other Societies / Communities: Omicron Delta Epsilon (International Economics Honor Society); Women of Rewriting the Code Fellowship (mentored 2 students); Hexawise Gurus (associated with Fidelity); Designers Guide; CFES Brilliant Pathways (associated with Bain); Community Learning Center at Cambridge (ESOL tutor)

SKILLS

Tools: R-Studio; PostgreSQL; Microsoft Office; Figma; Jupyter Notebook; Alteryx; Adobe Photoshop; GitHub
Coding Languages: Java (proficient); SQL (proficient); R (proficient); Python (familiar); HTML (familiar); CSS (familiar)
Languages: English, Chinese-Mandarin (proficient), Korean (beginner)