Lija Chang

Johns Creek, GA • (706) 518-3165 • lchang77@gatech.edu • linkedin.com/in/lijachang

EDUCATION

Georgia Institute of Technology, Atlanta, GA   May 2026
Bachelor of Science in Computational Media (Intelligence & Interaction Design concentration)   GPA: 4.0

PROJECT & INTERNSHIP EXPERIENCE

LinkedIn LockedIn, *Software Engineer*   Sep 2023 – Present
Chatbot Chrome Extension Personal Project   JavaScript | HTML | CSS
- Program a LinkedIn AI assistant to allow users to create personalized connection messages and track network by defining the chatbot's conversation flow and developing a natural language processing model
- Utilize Google Bard API, event listeners, DOM manipulation to dynamically update the UI, and CSS Grid to adapt to screen sizes

Mohawk Industries, Corporate, *Tax Technology Intern*, Kennesaw, GA   May 2023 – Aug 2023
- Supported data lake design by streamlining large sets of diverse tax information to a cloud database to reduce compliance costs by **$3M-$5M** per year and increase R&s credits by **$5M** per year for worldwide entities
- Oversaw user acceptance test cases across digital technologies to assist with troubleshooting and reconciliation of system changes
- Collaborated with external developers, analysts, and consultants in PwC, EY, and Delaware Consulting to analyze big data and validate business requirements for digitization solutions

Zero-Waste Campus Sustainability Grant, *Sustainability Intern*, Athens, GA   Nov 2022 – April 2023
- Initiated a project to build a network of volunteers to exponentially improve waste stream and diversion rates from **0% to 92%** during a weekend baseball series
- Facilitated grant proposal writing to receive **$5000** from the UGA Office of Sustainability to invest in compostable alternatives and sports fan education regarding conscious recycling and composting decisions

CAMPUS INVOLVEMENT

Big Data Big Impact, *Data Visualization Project Member,* Atlanta, GA   Sep 2023 – Present
Job Scam Prediction Application Project   Node.js | ReactJS | Python
- Build a frontend UI design for an app that detects fake online listings with self-curated Machine Learning model and example dataset through an agile software engineering approach with adjacent platform and analysis teams
- Focus on computing for social good by deploying projects to external organizations to increase scope of impact

Vertically Integrated Project: Living Dynamical Systems, *Researcher*, Atlanta, GA   Aug 2023 – Present
- Analyze data regarding neuromechanic research about change in hawkmoth hovering behavior in relation to predation pressure during feeding using data acquisition systems, high speed video cameras, and robotic flowers
- Code flashing light computer stimuli in MATLAB that mimics predator strikes to reconstruct virtual reality scenes of moth reaction and perception

WORK EXPERIENCE

Chinese Cultural School of Atlanta, *Instructor/Performer,* Duluth, GA   Aug 2017 – May 2023
- Coached children ages 7-18 weekly using simple language to convey complex Chinese Yo-Yo mechanics
- Headlined and choreographed Yo-Yo performances as a solo and group artist for local events in the community

SKILLS

Technical: Java, C, JavaScript, HTML, CSS, MATLAB, Git, Power BI, Azure DevOps, Excel (advanced functions)
Language: Mandarin Chinese (fluent)