

Edison Hong

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EDUCATION

Georgia Institute of Technology
Bachelor of Science in Computer Science

Atlanta, GA
Jan. 2024 – Dec. 2026

EXPERIENCE

Data Engineer / Applied ML Intern

May 2025 – Aug. 2025

Mohawk Industries

Calhoun, GA

- Processed 16,000+ product images using Python and Batch API calls, generating LLM-based attributes and Power BI dashboards for 10+ teams
- Built ETL data pipeline to automate metadata for product analysis, resulting in 80% faster product workflows
- Developed SlideGen AI tool that converts 100+ page documents to PowerPoint presentations in under 3 minutes, resulting in 85% time savings for the finance team

Software Quality Assurance Tester

May 2024 – Sept. 2024

CIPHER Georgia Tech Research Institute

Atlanta, GA

- Created, modified, and executed 200+ manual test cases ensuring accuracy and completeness of all test artifacts
- Documented 100+ detailed software requirements, supporting development and testing for major projects
- Reported and meticulously tracked 300+ software defects, collaborating with development teams to resolve issues

Lead UI/UX Engineer

May 2024 – Sept. 2024

Bubble Date

Atlanta, GA

- Designed web app meant to match groups of friends together in romantic and platonic situations
- Leveraged insights from 4000+ college students to drive matching and interface enhancements

AI Researcher

May 2024 – May 2025

Clemson University, Human AI Empowerment Lab

Clemson, SC

- Developed GPT task management model to automate 200+ email generations, manage 50+ calendar events, resulting in 60% reduction in administrative overhead
- Optimized error handling protocols, resulting in 50% increase in task execution across 1,000+ daily operations

Undergraduate Technical Research Assistant

June 2023 – May 2025

Delaware County Community College, Smithsonian NMAAHC

Media, PA

- Enhanced an interactive map project using Google Maps Web API data marking 400+ African Slave revolts
- Facilitated integration of 30+ audios, 70+ videos, 500+ copyright permissions for image sourcing
- Compiled archival data including 150+ articles, 100+ books, and 200+ images on slave and civil rights movements

LEADERSHIP & PROJECTS

Director of Events

June 2024 – Present

Big Data Big Impact @ Georgia Tech

Atlanta, GA

- Organized 12+ collaborations with campus clubs/companies and managed \$4000+ event budgets to promote BDBI

SlideGen AI | Python, Next.js, Typescript, React, Tailwind CSS

May 2025 – Aug. 2025

- Built AI-powered tool that converted documents into PowerPoint slides with auto-generated charts and relevant images, resulting in 85% time savings
- Implemented PPTX template merging with real-time preview functionality, resulting in 200+ beta users

Fetchi Chrome Extension | Javascript, HTML/CSS, Google OAuth

May 2025 – Aug. 2025

- Developed Chrome extension for users to monitor 500+ targeted company positions with automated alerts
- Enhanced user experience through a dashboard with job tracking, resulting in 75% reduction in job search time

Flight Delay Prediction Chrome Extension | Javascript, HTML/CSS, React.js

Jan. 2024 – May 2024

- Integrated a Chrome extension to predict chances of flight delay and load real-time information from 20+ airlines
- Collaborated on front-end design and API integration to display dynamic, up-to-date flight information

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS, R, SQL

Developer Tools: Visual Studio, PowerBI, GitHub, R Studio, Excel, Figma, Claude Code, ChatGPT, Tableau, MySQL

Certificates: CITI Export Compliance, CITI Social/Behavioral Research Investigators and Key Personnel