

Qing Yin

(404)940-8310 | QY@q-yin.com | Atlanta, GA | Open to Relocation and Remote Work
OPT Authorized (STEM Extension Eligible, No Sponsorship Required)

EDUCATION

Emory University <i>Master of Science in Computer Science</i>	Atlanta, GA <i>Dec 2024</i>
Macau University of Science and Technology <i>Bachelor of Science in Computer Technology and Application</i>	Taipa, Macau <i>Jun 2021</i>
<ul style="list-style-type: none">- The Outstanding Cultural and Academic Award- 1st Prize (Macau) and 2nd Prize (China), Contemporary Undergraduate Mathematical Contest in Modeling- Dean's Honor List, Faculty of Information Technology	

TECHNICAL SKILLS

Programming Language	: C, Python, R, MATLAB, HTML, SQL
Deep Learning Frameworks	: TensorFlow, PyTorch
Project Management Methodologies	: Agile / Scrum
Remote Collaboration Tools	: Microsoft Teams, Zoom, Slack
Documentation Tools	: L ^A T _E X

WORK EXPERIENCE

Emory University, Emory College Pathways Center <i>Technology Operations Specialist – Marketing, SharePoint Site Development Project</i>	Atlanta, GA <i>May 2023 -- Dec 2024</i>
<ul style="list-style-type: none">- SharePoint Site Development: Engineered and refined a SharePoint site, centralizing resources and elevating team efficiency. Achieved a 40% increase in resource accessibility through upgraded navigation and user-friendly features.- Strategic Communications: Implemented a strategic communication plan aligned with Agile methodologies, strengthening project timelines and deliverables. Reduced payroll processing time by 30% and shortened hiring cycles by 20%.- Technical Projects: Developed a merchandise management app, cutting manual inventory workload by 50%. Engineered a continuous promotional display system with a mini PC, boosting department branding at internal and external events.	

RESEARCH EXPERIENCE & PROJECTS

Emory University <i>Graduate Student Researcher, Wei Jin Lab</i>	Atlanta, GA <i>Jan 2024 -- May 2024</i>
<ul style="list-style-type: none">- Collaborated with a multidisciplinary team to enhance an EEG pattern classification system using Python, TensorFlow, and Spectrogram fusion. Augmented seizure detection accuracy by 15% through multi-stage learning techniques.- Adapted a model to diverse expert opinions, ensuring robust performance across various EEG datasets.- Presented findings in group meetings, contributing to advancements in neurocritical care and epilepsy treatment.	
Macau University of Science and Technology <i>Undergraduate Student Researcher, Xiaolin Tian Lab</i>	Taipa, Macau <i>Sep 2020 -- Jun 2021</i>
<ul style="list-style-type: none">- Optimized Faster R-CNN with PyTorch to analyze Mars surface features, accelerating efficiency by 65%. Adapted an algorithm to identify Earth-like planets through remote sensing data analysis.- Modified aforementioned algorithm to identify earth-like planets through recognition and comparative analysis of Mars surface features based on remote sensing data.- Summarized experiment results and presented key findings in group meetings.	
Contemporary Undergraduate Mathematical Contest in Modeling <i>Student Project Leader</i>	Taipa, Macau <i>Sep 2019 -- Dec 2020</i>
<ul style="list-style-type: none">- Proposed models to maximize airport taxi drivers' revenue, leveraging Genetic and Bee Colony Algorithms.- Provided actionable insights for traffic management through time and distance cost analysis.- Quantified time and distance cost and referenced Genetic Algorithms and Bee Colony Algorithm.	

LEADERSHIP & VOLUNTEER ENGAGEMENT

Macau University of Science and Technology <i>Teaching Assistant for Image Processing</i>	Taipa, Macau <i>Feb 2020 -- Jun 2020</i>
<ul style="list-style-type: none">- Led review sessions, mentoring 30+ students to improve understanding of image processing concepts. Facilitated effective communication by summarizing and addressing key student concerns with instructor.- Held discussion and review sessions and graded projects and homework.	
Macau Democratic Progressive Youth Promotion Association <i>Association Member</i>	Taipa, Macau <i>Dec 2017 -- Jun 2021</i>
<ul style="list-style-type: none">- Organized college orientation programs for 100+ freshmen, hosting social events such as nature tours and game nights. Coordinated one-day trips with over 30 participants, fostering community building.	