

Greg Tracy

Get in touch.

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Experience

May 2015 – present / Apple / Cupertino, CA

Software Engineer

- Engaged in a specialized three-month tenure with the Machine Learning Research (MLR) team, delving into contemporary machine learning challenges.
- Worked with multimodal representations of skeletons, with enhanced data interpretation.
- Adapted and enhanced a state-of-the-art model, enabling it to process additional data modalities previously unaccounted for.
- Engaged in an intensive three-month tenure with the AI Research (AIR) team, contributing to cutting-edge innovations.
- Successfully migrated a Linux-based RNN model to the iPad platform, optimizing for mobile performance.
- Developed a dynamic app that transforms user-generated text based on pre-defined writing style embeddings, delivering text in the desired style seamlessly.
- Developed and consistently refined an automated bug filing system tailored for Developer Tools, streamlining issue tracking.
- Architected a user-friendly Swift API, empowering engineers to efficiently craft tests for Xcode.
- Pioneered the Xcode livability reporting infrastructure, leveraging Splunk for enhanced analytics.
- Spearheaded the development of continuous integration infrastructure for Xcode's internal tools, incorporating both Jenkins and proprietary Apple services.
- Delivered an insightful presentation on "Engineering for Testability" at WWDC 2017.

May 2014 – Aug 2014 / Amazon / Seattle, WA

Software Development Engineer Intern

- Led the development of strategic internal tools for the AWS Marketplace Catalog Team, optimizing workflow and performance.
- Designed an automated utility to seamlessly update prices for EC2 instances, ensuring real-time accuracy on the pricing site.

Feb 2013 – Feb 2014 / Georgia Tech / Atlanta, GA

Undergraduate Research Assistant

- Advanced the capabilities of the humanoid robot "Golem Krang," focusing on holistic body control and intricate planning.
- Participated among the top 22 elite teams at the prestigious DARPA Robotics Challenge.
- Contributed as a co-author to a notable paper presented at the 2014 IEEE International Conference on Robotics and Automation (ICRA) with reference ICRA.2014.6907225.

Education

MS Computer Science

Georgia Institute of Technology
Atlanta, GA
2017 – 2019

BS Computer Science

Emory University
Atlanta, GA
2011 – 2015

Languages

Python
C++

Interests

Robotics
Artificial Intelligence
Machine Learning
Deep Learning
Large Language Models
Computer History