Greg Tracy

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San Francisco, CA

Experience

May 2015 – present / Apple / Cupertino, CA
Software Engineer
- Engaged in a three-month rotation with the Machine Learning Research (MLR) team, exploring modern machine learning problems.
- Worked with multimodal representations of skeletons, with enhanced data interpretation.
- Engaged in an intensive three-month rotation with the AI Research (AIR) team, contributing to cutting-edge innovations, migrating a Linux-based RNN model to iOS, 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.
- Built Xcode livability reporting infrastructure, leveraging Splunk for enhanced analytics.
- Focused on the development of continuous integration infrastructure for Xcode's internal tools, incorporating both Jenkins and proprietary Apple services.
- Presented "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 Electrical Engineering
Columbia University
New York, NY
2022 – 2024

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
Aritificial Intelligence
Machine Learning
Deep Learning
Large Language Models
Computer History