

Greg Tracy

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Experience

SOFTWARE ENGINEER

Apple Inc.

Cupertino, CA

May 2015 – Present

- Three month Machine Learning Research (MLR) team experience
 - Focused on multimodal representations of skeletons
 - Modified code from existing paper that achieved state of the art results to accept new data with an additional modality not included in the original paper
 - Investigating if incorporating this data into state of the art model increases model frame prediction accuracy
- Three month AI Research (AIR) team experience
 - Transferred existing Linux-based RNN model onto iPad
 - Built a functioning app that took in user written text and pre-defined writing style embeddings as inputs and output text in targeted writing style
- Created and continue to enhance automated bug filing system for Developer Tools
- Designed Swift API to enable engineers to write tests for Xcode
- Built Xcode livability reporting infrastructure using Splunk
- Continuous integration infrastructure development for Xcode internal tools using Jenkins as well as internal Apple services
- Presented "Engineering for Testability" session at WWDC 2017

SOFTWARE DEVELOPMENT ENGINEER INTERN

Amazon Web Services, Inc.

Seattle, WA

May 2014 – Aug. 2014

- Internal tool development within the Catalog Team in AWS Marketplace
- Created utility to automatically update prices on the EC2 instance pricing site

UNDERGRADUATE RESEARCH ASSISTANT

Georgia Institute of Technology

Atlanta, GA

Feb. 2013 – Feb. 2014

- Improved functionality and added capabilities to humanoid robot "Golem Krang" to study whole-body control and planning
- Participation in the DARPA Robotics Challenge and placement within the top 22 teams
- Author on 2014 IEEE International Conference on Robotics and Automation paper ICRA.2014.6907225

Education

Georgia Institute of Technology

MS Computer Science, Specialization in Machine Learning

Atlanta, GA

2017 – 2019

Emory University

BS Computer Science, Minor in Applied Mathematics

Atlanta, GA

2011 – 2015

Recent Programming Experience

Python, C++

Interests

Robotics, Artificial Intelligence, Machine Learning, Computer History, Financial Trading