

GREGORY TRACY

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EDUCATION

Emory University

B.S. in Computer Science

Minor in Applied Mathematics

August 2011 - May 2015

EXPERIENCE

Apple

Software Engineer

May 2015 - Present

Cupertino, CA

- Work on building and improving testing infrastructure for Xcode within Developer Tools

Emory University

Student Technology Support

September 2013 - May 2015

Atlanta, GA

- Diagnosed and rectified issues regarding a students personal electronics, both hardware and software related
- Created Rails web application to eliminate paperwork for student technicians

Amazon

Software Development Engineer Intern

May 2014 - August 2014

Seattle, WA

- Worked on the Catalog Team within Amazon Web Services Marketplace
- Created an internal tool to partially automate certain updates to the AWS Marketplace website to reduce the number of bug reports filed to the team and maintain customer trust

Georgia Institute of Technology

Undergraduate Research Assistant

February 2013 - February 2014

Atlanta, GA

- Continually worked on improving both the functionality and capabilities of the robot "Golem Krang, a wheeled humanoid robot, built to study whole-body planning and control
- Participated in the DARPA Robotics Challenge team at Georgia Tech with the goal of successfully controlling a humanoid robot titled Atlas, constructed by Boston Dynamics, in order to navigate through various environments - qualified to place with the top 22 teams
- Corresponding author for a paper submitted to the 2014 IEEE International Conference on Robotics and Automation, titled, "Robots Using Environment Objects as Tools: The 'MacGyver' Paradigm for Mobile Manipulation."

GENERAL

Languages

Python, Swift, Java, C, C++

Interests

Robotics, Machine Learning, Computer History