Christine J. Tang *July 4, 1998*

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chrisjtang98@gmail.com • (973) 960-2295 • github.com/chris-j-tang • linkedin.com/in/chris-j-tang

Summary

Self-motivated starter who believes in pursuing quality over quantity in a fast-paced world where quality is often secondary to shipping code.

Education

Rensselaer Polytechnic Institute   Troy, NY

Computer Science, Math (BSc) – Economics Minor **– 3.8/4.0**   *May 2019*

Experience

Language Endowed Intelligent Agents Laboratory (LEIA)   Troy, NY

Research Assistant & System Administrator   *Feb '17 – present*

Ubuntu Linux, Bash shell/scripts, svn

· Implemented Ubuntu Linux server data migration remotely using Bash shell to better distribute server payload, increase server security, and expand storage space
· Worked with senior sysadmins to reimage corrupted central server from backups
· Configured and wrote bash scripts to automate user account maintenace and to restart laboratory tools and dependencies on server restarts

General Language Syntax (GLS) – Microsoft/RCOS Project

Collaborator   *Feb '17 – present*

Typescript, C#, Python, Ruby, git

· Worked with a Microsoft FTE to streamline the core command rendering engine driver
· Designed and implemented prevention of banned keywords for variable names
· Increased functionality to GLS libraries for conversions to various object-oriented languages.

Wikipedia Philosophy Crawler

Personal Project   *Winter '16*

Python, Beautiful Soup 4

· Designed and completed a Python script using a HTML parser to automate crawling through Wikipedia articles until the Philosophy page is reached.
· Scraped pages for hyperlinks, and used regex to remove those italicized or in parentheses
· Implemented features such as avoiding possible repeats by storing visit history in Python dictionary and including the option of specifying a starting page or start randomly

Interests

Non-exhaustive and in alphabetical order: bouldering, self-development, violin, wargames

Honors & Awards

Dean's Honor List: Fall 2016 & Spring 2017
Rensselaer Leadership Award
Rensselaer Recognition Award