

# Christine J. Tang July 4, 1998

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[chrisjtang98@gmail.com](mailto:chrisjtang98@gmail.com) • (973) 960-2295 • [github.com/chris-j-tang](https://github.com/chris-j-tang) • [linkedin.com/in/chris-j-tang](https://linkedin.com/in/chris-j-tang)

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## Summary

*As a self-motivated individual who pursues quality over quantity in a fast-paced world and prioritizes reducing tech debt over shipping buggy code, I enjoy leading and being a part of a team working on cutting-edge innovations.*

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## Education

Rensselaer Polytechnic Institute

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

TROY, NY

May 2019

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## Experience

Language Endowed Intelligent Agents Laboratory (LEIA)

TROY, NY

Research Assistant & System Administrator

Feb '17 – present

Ubuntu Linux, Bash shell/scripts, Python, git, 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 maintenance and to restart laboratory tools and scripts on server restarts

General Language Syntax (GLS) – Microsoft/RCOS Project

Collaborator

Feb '17 – present

Typescript, C#, Python, git

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

Wikipedia Philosophy Crawler

Personal Project

Winter '16

Python, BeautifulSoup 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

VEX Robotics

Team Leader & Member

Summer '15 – Fall '15

RobotC, Arduino IDE, git

- Led a team of 3 to build and code an autonomous robot to navigate through corridors using magnetic and proximity sensors
  - Led a team of 5 to construct and maintain a controlled-robot to play a version of basketball
  - Designed the underlying code base for the VEX competition with a team of 3
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## Honors & Awards

Dean's Honor List: Fall 2016 & Spring 2017

Rensselaer Leadership Award

Rensselaer Recognition Award

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## Interests

Non-exhaustive and in alphabetical order: bouldering, chess, running, violin, wargames (CTF)