

Terry Chen

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Skills

| | |
|----------------------|---|
| Data science | pandas, NumPy/SciPy, Matplotlib, Neo4j |
| Proficient languages | Python, JavaScript, C++, PHP, Java, CSS, HTML |
| Web tooling | React, OAuth 2.0, Jekyll, Webpack, MySQL |
| Sysadmin & DevOps | Git, Vagrant, Bash, Zsh, Travis CI, CircleCI |

Project Experience

Lead web developer / Markville Computer Science Education Club June 2017—June 2018

- Designed, built, and released a website based on Jekyll and GitHub Pages that was modular, easy to create and manage content for, and easy to maintain.
- Separated asset and content build pipelines and reduced external resource overhead to increase client-side performance to the 95th percentile.

Web designer and full stack developer / EverythingDojo.com 2012—2014

- Worked on initial mockups, user interface, database and CMS.
- Signed up as a visual designer, then acquired JavaScript and PHP proficiency and transitioned into a key developer.
- Advised on password and application security, including managing hotfix deployment for zero-day security exploits.

Other Experience

Member / GooseCTF Fall 2018—present

- Top-20 U.S.-Canada undergraduate finish in the 2018 CSAW CTF, a jeopardy-style security competition.
- Worked on web exploitation and forensics.

Captain / Teens Conference 2018 Fall 2017—March 2018

- Worked with two co-captains to lead 20+ high-school youth in games, activities, and Bible studies.

Awards

31st worldwide / Chem 13 News Exam 2018

Top 25% worldwide / Euclid Mathematics Contest 2018

Education

Candidate for **Honours Bachelor of Computer Science** / University of Waterloo expected 2018—2022