

**Jeffrey Wang**

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jeffw.xyz

Looking for new job opportunities

## Education

- **Texas Academy of Mathematics and Science (TAMS)** Denton, TX  
*Computer Science track — 4.0 cumulative GPA* *August 2016 – May 2018*
  - Took *bona fide* college classes at the University of North Texas (UNT) in the TAMS program, a residential, two-year early college high school program at UNT.
  - Learned C++. Conducted research in accessible computer science education with Dr. Stephanie Ludi. Learned linear algebra and calculus-based applied statistics for scientists and engineers.
  - Founder and president of the TAMS Cybersecurity Association. Led participation in National Cyber League (NCL) and capture-the-flag competitions (CTFs).
- **McKinney Boyd High School** McKinney, TX  
*Class rank 3/671 — 4.0 unweighted GPA* *August 2014 – June 2016*
  - Gifted and Talented student. Took six AP exams and five AP classes.
  - Led redesign project of school website from December 2015–April 2016, developed with client-side JavaScript and heavily-customized Bootstrap.

## Research and Work Experience

- **MyWikis (mywikis.com)** McKinney, TX  
*Founder and CEO* *February 22, 2012 – current*
  - Specializing in MediaWiki website hosting. Maintained MediaWiki instances at expert level, ran technical backend.
  - Used PHP, Java, and C++ to run scripts. Extensive experience in Linux server administration, especially LAMP stack.
  - Made business decisions to maximize profits and efficiency. Extensive bookkeeping experience.
  - Extensive technical support experience. Experience with osTicket support ticket management software.
- **University of North Texas** Denton, TX  
*Undergraduate Research Fellow* *June 2017 – May 2018*
  - Research in accessible computer science education: investigated efficient auditory cues for blind or visually-impaired persons to utilize a visual, block-based programming language development environment.
  - Developed a functional prototype of the PencilCode environment using jQuery to handle events and Howler.js to handle audio.
  - Ensured compatibility of prototype with three main screen readers: JAWS, NVDA, and VoiceOver.

- Developed an experiment with teammates to test efficacy of each auditory cue as used in the prototype. Ran trials with participants and compiled data.

- **Plano AsiaFest (Celebrating Asian American Heritage Foundation)** Plano, TX  
*Social Media Specialist, Webmaster* 2015 – 2018
  - Helped organize large annual cultural festival in Plano, TX. Maintained website. Facilitated purchase of festival advertising on Facebook and Google, which led to significant increase in festival attendance. Secured \$10,000 nonprofit advertising grant from Google for festival.
- **KidsRoboTechClub, ScienceElf** McKinney, TX  
*Summer Camp Instructor* Summer 2015, Summer 2016
  - Taught STEM classes to children ages 6-12. Most extensive teaching experience with the Minecraft Modding class; taught JavaScript-based “LearnToMod” in 2015 and Minecraft Forge in 2016.
- **Private tutor** McKinney, TX  
*Self-Employed* 2015 – current
  - Tutored in Algebra 1, Geometry, Algebra 2, Precalculus, Chemistry (HS and college), and AP Computer Science

## Honors, Distinctions, and Awards

- **Ricco Ethics Competition, TAMS Winner (2018):** Awarded \$1,000 for essay on the ethics of data mining on social media platforms. Only one winner was chosen from each of the 13 colleges/schools of the University of North Texas.
- **Presidential Scholars Program Nominee (2018):** Nominated for the Presidential Scholars Program due to ACT composite score of 36.
- **TAMS Summer Research Scholarship (2017):** Awarded \$3,000 to conduct research with Dr. Stephanie Ludi in accessible computer science education in the summer of 2017.
- **UNT Continuing Students Merit-Based Scholarship (2017):** Awarded \$1,000 by the University of North Texas for excellent performance in the 2016-2017 academic year.
- **UIL Current Issues & Events (2016):** 1st place District, 6th place Regional.
- **AP Scholar with Distinction:** Awarded by the College Board for earning a score of 5 on five exams and a score of 4 on one exam.
- **National Honor Society (2016–2018).**

## Skills

- **Computing:** Programming languages such as PHP, JavaScript, Java, C++. Linear Algebra. Statistics. Web development. MediaWiki, WordPress. Windows, macOS, Linux (including Linux system administration, LAMP stack). Computer and information security. Team collaboration through: Slack, Trello. Organization management through G Suite. Word processors: LaTeX and Microsoft Office.
- **Social media:** Advertising on Facebook and Google AdWords. Experience with claiming \$10,000 AdWords advertising grant for nonprofits.