

Jeffrey Wang

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jeffw.xyz

Looking for new job opportunities

Education

- **The University of Texas at Austin** Austin, TX
B.S. in Computer Science, B.B.A. in Business Honors August 2018 – May 2022
 - In the Turing Scholars Program (Computer Science Honors) and the Business Honors Program.
- **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 STEM.
 - 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 cumulative unweighted GPA August 2014 – June 2016
 - Gifted and Talented student. Took six AP exams and awarded AP Scholar with Distinction.
 - Initiated and led redesign project of school website from December 2015–April 2016, developed with client-side JavaScript and heavily-customized Bootstrap.

Work and Research Experience

- **MyWikis (mywikis.com)** McKinney, TX
Founder and CEO February 22, 2012 – current
 - Company specializes 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 & efficiency. Extensive bookkeeping experience.
 - Extensive technical support experience using 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.

- **Code Horizon – Computer Science Summer Camps** McKinney, TX
Co-Founder and Instructor *May – July 2018*
 - Founded summer camp with two friends. Planned class curriculum. Advertised via Facebook, Nextdoor, and word-of-mouth. Handled purchases necessary for class.
 - Taught introductory computer science classes to children ages 7-14 in Python.
- **Loanwat.ch** Dallas, TX
Intern *June – August 2018*
 - Designed website, redesigned logo, and created business cards with Adobe Illustrator.
 - Created website API with AWS Lambda in Node.js. Migrated Python code for ETL.
- **Private tutor** McKinney, TX
Self-Employed *2015 – current*
 - Tutored in SAT, ACT, Algebra 1, Geometry, Algebra 2, Precalculus, Chemistry (high school and college General Chemistry), and AP Computer Science.
- **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.

Honors, Distinctions, and Awards

- **Ricco Ethics Competition, TAMS Winner (2018):** Awarded \$1,000 for winning 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 Semifinalist (2018):** One of 600 nationwide selected by the U.S. Department of Education as a U.S. Presidential Scholars Program semifinalist.

Skills

- **Computing:** Programming languages: PHP, JavaScript, Java, C++. Linear algebra. Statistics. Web development: LAMP and Node.js + Express + Pug. 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. LaTeX. Microsoft Office. Adobe Photoshop, Illustrator, and Premiere Pro.
- **Social media:** Advertising on Facebook, Nextdoor, and Google AdWords. Experience with claiming \$10,000 AdWords advertising grant for nonprofits.