Ziyi (Andy) Peng

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Education

Sept. 2018 - June 2022	**University of California, Los Angeles** Planned Degree: B.S. Computer Science and Engineering - Coursework (current): Intro to CS (C++), Multivariable Calculus - Activities: ACM, Bruin Space, Unmanned Aerial Systems, Running Club
Aug. 2014 - June 2018	**Foothill High School** - Pleasanton, CA Valedictorian - GPA: 4.59 (weighted), 4.00 (unweighted) - Self-study: Introduction to Algorithms (MIT OCW)

Experience

June 2018 - Aug. 2018 June 2017 - July 2017	**Wynd Technologies, Inc.** - Redwood City, CA Backend Software Development Intern, Intern Team Lead - Doubled extent of company's dynamic air quality database, implementing additional coverage for pollen and weather data - Maintained Node.js/MongoDB scraping backend, updating scripts to ES6 and writing company tutorials and documentation - Onboarded and trained 3 new interns
July 2017 - June 2018	**Perception Science Internship** - Berkeley, CA Program Participant, Research Assistant - As a group of 4, coded and reported on 2 experiments using MATLAB - Designed JavaScript-based interactivity for several Qualtrics surveys and maintained the website for a longer-term experiment

Activities/Honors

Aug. 2014 - June 2018	**Foothill Math Club** President - Organized annual high school math tournament drawing ~200 competitors, managing problem-writing, advertising, sponsorships, and logistics - Increased club membership and stabilized club finances
Aug. 2016 - April 2018 Aug. 2014 - April 2015	**Foothill MathCounts Coach Club** Coach, Vice President - Coached local middle school team, consistently reaching the state-level competition - ~150 volunteer hours teaching and writing curriculum
Spring 2016/17	USA Mathematical Olympiad Qualifier
Spring 2017	USA Computing Olympiad - Platinum

Skills

Java	JavaScript	LaTeX
Python	Qualtrics	HTML
Git	MongoDB	CSS
Node.js	MATLAB	