

Ziyi (Andy) Peng

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Education

- Sept. 2018 **UCLA**
- June 2022 **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 **Foothill High School (Pleasanton, CA)**
- June 2018 **Valedictorian**
- GPA: 4.59 (weighted), 4.00 (unweighted)
- Self-study: Introduction to Algorithms (MIT OCW)

Experience

- June 2018 **Wynd Technologies, Inc.**
- Aug. 2018 **Backend Software Development Intern, Intern Team Lead**
June 2017 - Doubled extent of company's dynamic air quality database, implementing additional
- July 2017 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 **Perception Science Internship**
- June 2018 **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 **Foothill Math Club**
- June 2018 **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 **Foothill MathCounts Coach Club**
- April 2018 **Coach, Vice President**
Aug. 2014 - Coached local middle school team, consistently reaching the state-level competition
- April 2015 - ~150 volunteer hours teaching and writing curriculum
- Spring 2016/17 **USA Mathematical Olympiad Qualifier**
- Spring 2017 **USA Computing Olympiad - Platinum**

Skills

Java
Python
Git
Node.js

JavaScript
Qualtrics
MongoDB
MATLAB

LaTeX
HTML
CSS