

# Andrew Fisher-Shin

✉ afishershin@icloud.com | ☎ (818) 403-4220 |  /in/afishershin/ | 🏠 22 University Drive 201, Pomona, CA 91768

## Career Objective

---

Mechanical Engineering student with over five years' experience in mechanical design, rapid prototyping, and CAD. Ready to refine my abilities by bringing passion and excitement to design and engineering projects.

## Education

---

### California State Polytechnic University, Pomona (2018-2022)

Bachelor of Science in Mechanical Engineering

Relevant Coursework: Calculus I (Fall '18) & II (Spring '19), EGR Graphics + Visualization Lab [SolidWorks/CAD], General Chemistry for Engineers

### Delphi Academy of Los Angeles (Graduated June 2018)

GPA: 4.0/4.0; SAT: 1490

Extracurricular Activities: Student Government Vice President (2016-2018), Computer Science Instructor (2016-2018), Lighting and Sound Director (2014-2018), Performing Arts and Choir (2017-2018)

## Technical Experience

---

### FIRST Robotics Competition Team 980, "ThunderBots" (2012-2018)

- Led the conceptualization and design of numerous robot systems through the design cycle; used SolidWorks to create models and drawings for fabrication
- Developed and deployed team website; grew online and social media presence
- Won numerous team awards, including 2018 Regional Chairman's Award, 2017 Regional Entrepreneurship Award, and 2016 Engineering Inspiration Award

### Apple Engineering Technology Camp (2017)

- Selected as one of twenty-five students nationwide to participate in Apple's ETC program
- Worked alongside peers and Apple engineers using knowledge of mechanical and electrical engineering, Swift, CAD, and 3D printing to develop a sustainability-related product

## Additional Skills and Experience

---

### Skills

- Computer-Aided Design with SolidWorks, Fusion 360, and OpenSCAD
- Software development with Swift, C++, and JavaScript for Unity; app development with Xcode
- Web development with WordPress, CSS, and HTML
- Video editing with Adobe Premiere Pro and Final Cut Pro

### Experience

- Audio Production Assistant at MSS Audio (2018) [reference available]
- Video Editor at DroneStock (2015-2017) [reference available]

## Volunteer Experience

---

- FIRST LEGO League (2014, 2016-2018)
  - Mentored a FIRST LEGO League team, teaching basic programming, design, and teamwork; acted as Asst. Tournament Director, Head Referee for multiple FLL tournaments
- Delphi Academy (2016-2018)
  - Personally ran \$10,000+ fundraiser for school; promoted and helped organize multiple can drives, toy drives, and other community projects

## Awards and Honors

---

Eagle Scout (2017); 29th Congressional District Outstanding Service Community Award (2018); Dragonheart Service Award (2018); Belcher Foundation Eagle Scout Scholarship (2018)