

# Andrew Pang

andrewpang.org ❖ andrew.y.pang@gmail.com ❖ (626) 376-1132 ❖ Belmont, CA

---

## PROFILE

---

Hard-working college graduate with a B.A. in Computational Mathematics and a Minor in Computer Science. Self-motivated, with strong problem-solving and organization skills. Demonstrated adaptability and leadership experience in various team projects.

## RELEVANT EXPERIENCE

---

### Tesla, Inc.

San Mateo, CA

*Data Annotation Specialist, Autopilot*

*February 2020 - Current*

- Used Autopilot labeling interface to label images critical to training our deep neural networks.
- Gained basic computer vision and machine learning knowledge to better understand how the labels are used by our learning algorithms.

### Engineering and Science, Osaka University

Osaka, Japan

*Summer Lab Researcher at Hosoda Laboratory*

*June 2018 – August 2018*

- Utilized microcontrollers to develop control signals, implemented control algorithms, and reduced the total cost of the project by 50%.
- Evaluated current or emerging technologies to consider factors such as cost, portability, compatibility, or usability.
- Wrote detailed functional specifications that document the hardware development process, the design specifications, and the installation instructions.

### UCSC Campus Natural Reserve

Santa Cruz, CA

*Data Collector at Forest Ecology Research Plot*

*September 2017 – December 2017*

- Coordinated with a team of six to demonstrate the importance of proper standardized protocols when collecting data and organized a database of over 28,000 entries to help support the development and maintenance of long-term ecological monitoring of the forest.

*GIS Mapping*

*January 2017 – March 2017*

- Collaborated with a small team to collect forest data to produce or update overlay maps to show information boundaries, water locations, or topographic features on various base maps while ensuring accuracy/identifying and marking errors and making corrections by using geographic information systems(ArcGIS) to establish short-term and long-term plans for forest conservation.

## SKILLS & MORE

---

**Languages:** Python; JavaScript; HTML; CSS/SCSS; C++; Java; SQL

**Software/Tools:** Microsoft Office; AutoHotkey; Git; VS Code; Photoshop; Figma

**Community Involvement:** Computer Instructor Volunteer; Bookstore Volunteer

**Certifications:** IBM Data Science Specialization from Coursera, May 2021

## EDUCATION

---

### University of California, Santa Cruz

Santa Cruz, CA

*BA, Major in Computational Mathematics, Minor in Computer Science. GPA: 3.2*

*March, 2019*

Notable Coursework: Machine Learning; Algorithms & Abstract Data Types; Database Systems; Data Visualization; Computer Graphics; Number Theory; Probability Theory; Complex Analysis