Andrew Pang

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

EXPERIENCE

Frontier Summer Lab Research   **Toyonaka, Osaka, Japan**
Summer Lab Research at Engineering and Science, Osaka University   *June 2018 – August 2018*
- Contributed into the development of the CRANE-X7 by RT CORPORATION.
- Utilized NVIDIA Jetson TX2, OpenCR, and Arduino IDE

UCSC Campus Natural Reserve   **Santa Cruz, CA**
Trail Mapping   *Jan. 2017 – March 2017*
- Coordinated with a team of 3 to collect data for ArcGIS
- Created, Classified, and Compile forest trails conditions into geodatabases
- The data will help regulate bike usage and forest trail conservation.

Forest Ecology Research Plot(FERP)   *Sept. 2017 – Dec. 2017*
- Coordinated with a small team to learn the importance of proper standardized protocols when collecting data.
- The data will help support the development and maintenance of long-term ecological monitoring of the forest.

PROJECTS

Real Time California Wind Map
- Developed with Google Maps JavaScript API, OpenWeatherMap API, HTML, CSS.

Web App of California Housing Prices
- A visualization of 1990 California Housing Prices dataset from Kaggle.
- Developed with Google Maps JavaScript API, HTML, CSS.

Gravity Simulator
- Developed with JavaScript and p5.js library.

Machine Learning Sentiment Analysis on Movie Review
- Developed with Python and SciKit-Learn.
- Given a phrase or sentence, predict the rating.

SKILLS & INTERESTS

- **Skills:** Visualize, Examine, Systematize, Create, Coordinate, Keep Records, Organize
- **Coding Skills:**
  HTML;   SQL;   Photoshop;
  CSS/SASS;   GitHub;
  JavaScript;
  Python;
  Java;
  C++;
- **Interests:** Web Development; Mathematics; Photography; Painting; Astronomy; Hiking;

EDUCATION

University of California, Santa Cruz   **Santa Cruz, CA**
BA, Major in Computational Mathematics, Minor in Computer Science   *March, 2019*

CONTACT INFORMATION

GitHub: https://github.com/andrewypang/   **LinkedIn:** www.linkedin.com/in/andrewypang