C. Henry White

152 Ferne Court Palo Alto, CA 94306

mobile: 949.419.5966

cwhite24@ucmerced.edu

Personal website: **https://honeybeebus.github.io/**

University of California, Merced
B.S. Computer Science, Engineering 2020 (December graduation)

UC Natural Reserve System   **January 2018- January 2020**
Intern
Merced Vernal Pools and Grasslands Reserve
- Assisted PhD Candidates with field research efforts including collection of species data. Banded over 50 kestrels for the American Kestrel Breeding Productivity project, set up and maintained 5 camera traps for the Kit Fox Camera Study, and recorded data for surveys looking to document the population of endemic fairy shrimp and california tiger salamanders.
- Led community outreach by scheduling 4+ tours per semester for attendees ranging from Merced residents to traveling PhD researchers.
- Updated and maintained official website **https://vernalpools.ucmerced.edu/**
- Served as primary contact for 4 month period during a leadership transition, assuming full responsibility for all tours, updating the Reserve Application Management System (RAMS), and was on call for any reserve related emergencies.

University of California Merced   **August 2017 - May 2018**
Engineer Service Learning Communications Officer, Unmanned Aerial Systems Team
- Worked as part of a team supporting the local farming community by developing powerful yet affordable precision agriculture solutions for small scale farmers. **https://uav.ucmerced.edu/**
- Responsible for taking the minutes of each team meeting and served as primary contact for our community partner. Accountable for weekly status updates to project supervisor.

Laguna Beach Department of Marine Safety   **Summer 2013, 2014, 2015, 2016, 2017**
Ocean Lifeguard I
- Served as key contributor on a high performing 100 person team working from 30 towers to guard 5.5 miles of coastline and 16.5 miles of ocean. Average summer volumes of activity for the department included rescues of over 3,500 individuals and medical attention to over 4,000.
- Succeeded in a mentally and physically demanding role where working with team members was required to ensure safety at dangerous and busy beaches.
- Promoted after first year in role due to high level of performance scores and volume of unsolicited positive feedback supplied by beach patrons who observed my work.
- Selected for and completed EVOC (Emergency Vehicle Operations Course) training.
- Named Laguna Beach First Year Lifeguard of the year in 2014.

Rookie Ocean Lifeguard
- Hired after successfully completing rigorous competitive tryouts which resulted in a spot at an equally competitive and rigorous training academy which included over 100 hours of physical and knowledge based testing.
- Served as an emergency first responder and communicator between the city government and the public
- Obtained CPR, First Aid, and Basic SCUBA and EVOC certifications through hundreds of hours of continued training

Technical Skills
- C , C++, Java, JavaScript, HTML, CSS, SQLite, Python, R, MIPS, Wordpress, Adobe Creative Suite

Other interests and accomplishments:
Lettered in Water Polo and Swim as a dual Varsity High School athlete on CIF championship teams before going on to play on UC Merced's first water polo team. Passionate about video game design and spending time outdoors.