Jeremy Tsang

Newark, CA 94560 • (510) 685-3663

tsangj@oregonstate.edu • linkedin.com/in/jeremytsang1• github.com/jeremytsang1

Education
- B.S. in Computer Science, GPA 4.00/4.00   Dec. 2021
  Oregon State University, (Corvallis, OR)

- B.A. in Mathematics and B.S. in Chemistry, GPA 3.84/4.00   Jun. 2011
  University of California, Santa Cruz, (Santa Cruz, CA)

Skills
- Programming: Python, JavaScript, Java, C++, LaTeX
- Backend: Django, Express

Projects
Orbit Hunt (Python Game)
- Collaborated in a team of 2 for submission for 2019 itch.io Game Off.
- Envisioned and created character movement model through use of planar polar coordinates to simplify geometry.

Raspberry Pi Robot
- Formulated concept for a robotic car/arm device to control remotely from a PC with video streaming. Implemented robot construction using a Raspberry Pi and components from various vendors.
- Developed original robotic software using Raspberry Pi GPIO module to control DC and servo motors responsible for car, arm, and camera movement.

Experience
Berkeley City College, Berkeley, CA

Teaching Assistant   Sep. 2018 – Dec. 2018
- Assisted professor in coordinating lab sessions for a Java course of 30 students. Addressed Student questions and concerns about new material.
- Evaluated student performance across 4 coding projects over 16 seek semester. Explained Sources of improvement and alternate methods.
- Tutored groups of 1-5 students to cement knowledge of material covered in lecture and to provide starting points for coding assignments.

EAG Laboratories, Hercules, CA

Assistant Research Chemist   Jun. 2015 – Oct. 2016
- Performed Carbon-14 labeled metabolism analysis in plant/animal systems to ensure active reagents were within regulatory limits.
- Documented analyses under Good Laboratory Practices (GLP) environment in accordance with US EPA and Organization for Economic Co-operation and Development (OECD) guidelines.