

Tait Kaminski

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EDUCATION

Bachelor of Science University of California, Los Angeles *Los Angeles, CA* **09/2017 – 06/2021**

- *Major in Electrical Engineering, Technical Breadth in Computer Science*
- Relevant Coursework: Applied Numerical Computing | Probability and Statistics | Object-oriented Programming | Design of Robotic Systems | Algorithms | Communication Systems

SKILLS

Windows Configuration | Hardware Maintenance | IT Troubleshooting | Virtual Machines | Remote Support | Python | HTML | Windows 7-11 | MacOS | Ubuntu | Linux | Microsoft Office 365 | Robotics | Adobe Creative Suite – *All proficient or above*

EXPERIENCE

Technical Support UCLA Undergraduate Admissions *Los Angeles, CA* **10/2018 - 06/2021**

- Provided in-office and remote PC hardware and software technical support for Undergraduate Admissions staff
- Completed tasks including HTML website maintenance, hardware repair, new computer setup and imaging, security updates, software installation and application/printer support with the latest Enterprise Microsoft and Windows technology
- Assisted new employee technology setups

Intern Coco Delivery *Los Angeles, CA* **07/2019 - 10/2020**

- Developed a robotic delivery system deployed on and around UCLA's campus that has now become a well-established start-up in Santa Monica, CA that has raised over 36 million in funding
- Researched reinforcement learning techniques for autonomous navigation on a mobile robot
- Troubleshot various software and hardware functions for the robots
- Completed tasks including graphical image annotation and database building using Labelbox and Google Firebase, creating and building ROS2 packages in Python and C++

Analyst Palapa *San Diego, CA* **07/2021 – Current**

- Updated and built current business bookkeeping system, handled merchandise buying and prebooking (Excel, SaaS)

PROJECTS

- **Characterization and Simulation of Mobile Hospital Robot:** Mechanical and Electrical robotic design project that sought to autonomize tasks involving the collection and distribution of various items for hospital patients (Python, MATLAB and Webots) **(06/2021)**
- **Object Detection using OpenCV2, Keras, TensorFlow:** A Robotic Operating System package containing a image publisher that feeds real-time data to accomplish live object detection and classification (ROS2, C++, OpenCV, Python, Keras) **(07/2019)**
- **Generalization of Location from Range:** A program to determine the location of nodes in a wireless network given the location of other nodes with GPS receivers, and inexact measurements via the strength of signals implemented using the Levenberg-Marquardt method (MATLAB) **(04/2021)**

SUPPLEMENTAL

- **Camp Counselor for Kesem at UCLA:** Volunteered and fundraised contributions of thousands as a camp counselor for Camp Kesem at UCLA **(01/2019 – 07/2022)**
- **UCLA Surf Team Captain:** Captained the competitive team representing UCLA in the Southwest College Men's conference of the National Scholastic Surfing Association (NSSA) **(09/2017 – 06/2021)**