

Timothy Gabriel Samson

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WORK EXPERIENCE

Techmaster Electronics, Contracted to Kaiser Permanente

April 2024 – Present

Calibration Technician

Fremont, CA

- Conduct daily calibration and occasional repair of temperature probes and other test equipment across Kaiser Permanente facilities, ensuring precise adherence to required medical and equipment standards for optimal patient care and safety.
 - Collaborate effectively with Kaiser Permanente's engineering department to facilitate calibration schedules and activities, improving equipment reliability and operational efficiency within hospital environments.
 - Engage regularly with nursing and other hospital staff to coordinate and execute calibration tasks with minimal disruption to hospital services, demonstrating professionalism and commitment to patient confidentiality.
- Utilize extensive Excel proficiency to manage, analyze, and report calibration data, ensuring compliance with ISO/IEC 17025:2017 and ISO 9001 quality standards
- Maintain calibration standards and test equipment in the calibration lab, ensuring ongoing accuracy and reliability of calibration services provided to clients.
- Address and escalate complex calibration issues to supervisors, contributing to continuous improvement of calibration processes and practices

AJ Tutoring

June 2022 – December 2023

Academic Tutor

Palo Alto, CA

- Private Mathematics tutor providing one-on-one instruction to students of various grade levels in subjects ranging from calculus, algebra, geometry and statistics.
- Actively pursued professional development opportunities, attending workshops and conferences to stay updated on the latest teaching techniques in mathematics.

Cepheid

January 2022 – June 2022

Reagent Production Analyst

Sunnyvale, CA

- Applied scientific methods and operational processes to support the manufacturing of SARS-COV19 PCR tests as well as tests for infectious diseases like MRSA and tuberculosis.
- Successfully implemented a Python-based automated documentation system, streamlining and improving efficiency while reducing error in the record-keeping processes.

EDUCATION

University of California, Berkeley

Graduated May 2021

BA, Mathematics

Berkeley, CA

- *High Distinction in General Scholarship*, 3.9 GPA
- Member of the Pilipinx Association of Scientists, Architects, and Engineers (PASAE)

PERSONAL PROJECTS

- Server administration; usage of Docker, Linux and networking tools to serve Nextcloud, meta-search engines, assorted media servers, and a DNS-over-TLS resolver with a built-in domain blocker.