Timothy Gabriel Samson

timothy.gab.samson@gmail.com ❖ (707) 534-8373 ❖ San Jose, CA

WORK EXPERIENCE

AJ Tutoring   **June 2022 – November 2023**
Academic Tutor   *Palo Alto, CA*

- Private Mathematics tutor with providing one-on-one instruction to students of various grade levels in subjects ranging from calculus, algebra, geometry and statistics. Developed personalized lesson plans tailored to individual student needs.
- Effectively communicated with parents and educational directors to provide progress updates and discuss areas of improvement.
    - Utilized Solve 360 CRM to maintain a comprehensive and up-to-date record of student information, including progress reports, lesson histories and grade information.
    - Implemented automated email campaigns using Excel to keep parents informed about upcoming lessons and important announcements
- Helped students improve their mathematical abilities, resulting in an average of a **1 grade point increase** and more confidence in tackling complex math, statistics, and programming problems.
- 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
- Focus on data science and genomics research, game theory and quantum mechanics
- Member of the Pilipinx Association of Scientists, Architects, and Engineers (PASAE)

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** *UC San Diego,* Genome Sequencing using Python
- **Skills:** Server administration; usage of Docker and Linux tools to serve Nextcloud, SearxNG, assorted media servers, and a DNS-over-TLS resolver with a built-in ad-blocker on my home network.
- Attended the Future of Decentralization, AI & Computing Summit in Berkeley in August 2023.
- **Interests:** My dog, Lexington; history and mathematics. I do web design as a hobby: visit my personal feature website at https://timothysamson.pages.dev