

# Sam Gerstmann

Los Angeles, CA | [linkedin.com/in/samgerstmann](https://www.linkedin.com/in/samgerstmann)

## Education

### University of California, Los Angeles (UCLA)

Bachelor of Arts in Computer Science and Linguistics

Activities: Member of Honors College, Association for Computing Machinery, Peaks and Professors, Chess Club

Expected June 2025

GPA: 3.8

## Experience

### Software Engineer Intern

ASML

June 2024 - Sep 2024

Stamford, CT

- Led implementation of event log pollution detector, parsing 500,000+ alignment sensor events nightly in Python
- Refactored CSV generation script to execute frequently and accurately, generating 22,000+ test scenarios daily
- Delivered critical patch to RH DUV team resolving crashes due to framework updates through runtime extraction

### Freelancer

Lyfe's Web Development | [www.samgerstmann.com](http://www.samgerstmann.com)

Jan 2017 - June 2024

Culver City, CA

- Designed and coded 25+ websites as a freelance web developer for individuals and businesses, receiving positive feedback from 95% of clients leaving reviews
- Transformed outdated websites, resulting in bounce rate reductions of 10-30% by utilizing Sass's 7-1 architecture
- Enhanced UX and optimized site functionality on 10+ forum-style websites by customizing XenForo plugins
- Discussed client needs and translate technical jargon into client-friendly language

### Instructor

Mathnasium

Apr 2023 - May 2024

Culver City, CA

- Taught groups of 2-4 students mathematics skills and tutored Calculus 1-3 students in private lessons, improving 90%+ of student scores between pre-test and post-test (4-16 weeks apart) by tailoring instruction to address specific areas of difficulty
- Facilitated qualification for high-level mathematics courses by tutoring 30+ pre-algebra students utilizing game-based learning

### Technical Assistant

Dr. Mahesh V. Bhuta

Aug 2022 - Mar 2023

Palms, CA

- Reduced average check-in time by 30% through digitizing office's internal templates with Prime Clinical Systems
- Created Electronic Medical Records documenting patient symptoms and treatments for 5-10 patients daily
- Streamlined insurance billing for 50+ patients by assigning ICD-10 codes

### Co-Founder

Kiki's Krack | [www.kikiskrack.com](http://www.kikiskrack.com)

Oct 2021 - Mar 2022

Culver City, CA

- Co-founded an online dessert delivery business and quickly scaled to 20+ online sales per day in first 2 months through influencer marketing and organic growth
- Styled and added interactive elements to website with CSS and JavaScript, resulting in 100,000+ visitors through clean and responsive web design
- Expanded @kikiskrackco's Instagram presence to 22,000 followers while overseeing social media content creation

## Projects

### ProfCruncher | [www.profc cruncher.com](http://www.profc cruncher.com)

- Built a full-stack web application with an HTML, CSS, and JavaScript frontend powered by a Flask/Python backend assisting 500+ Santa Monica College students daily in selecting classes through professor search feature
- Generating statistics on grading styles and instruction quality of 200+ professors per semester

### The Seed MC | [www.theseedmc.com](http://www.theseedmc.com)

- Created website for popular gaming community receiving 15,000+ pageviews/month
- Increased average visit duration by 50% through design improvements using Sass techniques

## Skills

**Computer Languages & Frameworks:** C++, Java, Python, JavaScript, HTML, CSS, Bootstrap, Flask, Sass

**Human Languages:** English (Native), Spanish (Intermediate), Russian (Beginner)