

Aaron Teng

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Education

Computer Science, B.A. | U.C. Berkeley
GPA: 3.86; expected graduation: Spring '27

August 2023 - Present

Experience

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| Research Intern Berkeley SKY Computing Lab - ADRS | October 2025 - Present |
| • Built Python frameworks using the GEPA API that leverage AI models to design, optimize, and evaluate complex algorithms through a continuous design-test-feedback loop | |
| Optician Simply Vision Optometry | October 2023 - August 2025 |
| • Conducting pre-tests (refraction, stereopsis, etc.) during patient intake, fitting and styling frames and lenses, billing insurance, filing patient records | |
| • 12-15 hours per week throughout the school year and summer | |
| Piano Teacher Pacific Piano School | July 2022 - July 2023 |
| • Gave private lessons to students enrolled in summer and winter camps to teach music theory and refine their piano technique | |

Projects

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| Server-Client Network in C | Github |
| • Used C networking libraries to set up a 'server' and 'client' connection between different processes running on local device. Server process responds to basic client commands, and forks to handle multiple client connections. | |
| Cappella Catalogue - https://cappellacatalogue.com | Github |
| • Online sheet music store for a cappella arrangements. Full-stack web app built in Django, HTML/Bootstrap/JS, and Postgres, with a live Stripe integration for payment, deployed on an AWS EC2 Ubuntu instance using Nginx, Gunicorn, and Docker. | |

Skills

- Python, Django, Java, C, HTML/CSS/Javascript, RISC assembly, GO/Golang, Ruby, Ruby on Rails, AWS, Linux, Docker, full-stack web development
- Music composition (Piano, strings, choir), Choral and instrumental arranging
- Piano accompaniment

Coursework

- CS61B - Data Structures and Algorithms
- CS61C - Great Ideas of Computer Architecture
- CS70 - Discrete Mathematics and Probability Theory
- Math 54 - Linear Algebra
- CS170 - Efficient Algorithms and Intractable Problems
- CS161 - Computer Security
- CS169A - Intro to Software Engineering
- CS198 - Intro to Linux, SysAdmin
- CS162 - Operating Systems and System Programming (in progress)
- CS168 - Internet Architecture and Protocols (in progress)