

CALEB LEE

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EDUCATION

M.S., Computer Science	University of California, Santa Barbara	March 2024 - June 2025
B.S., Computer Science	University of California, Santa Barbara	September 2020 - March 2024

Grad GPA: 4.0 / 4.0

Relevant Coursework: Computer Security, Deep Learning, Algorithm Engineering, Databases, Computer Architecture

SKILLS

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- Proficient: C/C++, Python, Java, MySQL, Unix, Git, Vim, Unity, C#
 - Familiar: JavaScript, HTML, CSS, SwiftUI, React.js, PyTorch

WORK EXPERIENCE

Teaching Assistant | Santa Barbara CA | January 2025 - Present

- TA for cs178 at UCSB, a course in cryptography taught by Prabhanjan Ananth
- Duties include writing/grading assignments, quizzes, exams, and leading weekly discussion sections

Associate Technician Intern | Curvature | Santa Barbara CA | July 2024 - September 2024

- Coded test scripts in Tel for various network hardware parts, such as fiber optic modules and network switches
- Port tested hundreds of network hardware parts for daily orders using Cisco Tech Workspace
- Collaborated with a team of technicians to build dozens of servers from scratch for a large server order

Tutor | tutor.com | Remote | June 2021 - September 2023

- Taught high school/college students how to program in C/C++, Python, and Java
- Guided students through developing/debugging software projects through live demonstrations in an interactive virtual classroom

Dental Office Front Desk Agent | Dental Office - Michael J. Lee | Los Gatos CA | July 2022-September 2022

- Processed and reviewed customer insurance information in spreadsheets with Microsoft Excel
- Operated and evaluated Dental Practice Management Software to verify 2 years worth of transactions

PERSONAL PROJECTS (see my Devpost Portfolio at: <https://tinyurl.com/yc8b3whv>)

AI Visual Novel

- Developed an interactive story-driven web game with GPT-3 using vanilla JavaScript, HTML, CSS
- Utilized regular expression matching to parse model output strings into usable JSON format
- Guided teammates with debugging syntax errors and implementing front-end page layouts

DAOchow.tech

- Created a web app that helps food-insecure people to locate nearby community fridges
- Incorporated MetaMask API calls to create one feature enabling users to conduct cryptocurrency donations
- Constructed a system for decentralized user voting using Aragon DAO
- Implemented 3 visual website components with React and Tailwind UI
- Awarded: (ShellHacks 2022) 2nd Place overall out of 690 participants

dereference.tech

- Built the front-end for the Question and Answer website, dereference.tech, with React and Tailwind UI
- Managed database queries to Google Firebase for storing user information (represented as 5 columns)
- Awarded: (RU Hacks 2022) Best use of Auth0 out of 224 participants