

Thatcher Eames

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Education

University of California San Diego

Sept 2022 - Jun 2026

Bachelors of Science – Mathematics and Computer Science

GPA 3.30

- **Campus Affiliations:** Beta Theta Pi Fraternity Former Executive, CSforeach Student Organization Member
- **Relevant Coursework:** Machine Learning Algorithms, Data Structures, Systems Programs, Linear Algebra, Software Development, Data Science in Python, Object Oriented Programming, Vector Calculus

Skills

Development: Supervised Learning, Object-Oriented Programming, Runtime Analysis, Agile Methodologies

Teamwork: Group Collaboration, Team Management, Problem Solving, EDGE Method Education, Spanish Bilingual

Programming Languages: Java, Python, C, C++, HTML/CSS, TypeScript

Technologies: XCode, Visual Studio, Git, Vim, Bash, Microsoft 360, Google Suite

Experience

VP Coding Instructor, Ember Coding Labs – Del Mar, CA

May 2025 - Present

- Provide high level explanations of key computer science topics to educated young learners in the fundamentals of CS
- Collaborate with other educators to create an inviting and cohesive learning environment for students

Student CS Curriculum Developer, CSforeach – San Diego, CA

Oct 2024 - Present

- Develop actionable curriculum for introductive CS courses in Python and Machine Learning
- Implement new methods to develop and maintain interest from students in target areas through education methods

CS Teaching Assistant, La Jolla Elementary – San Diego, CA

Mar 2025 - June 2025

- Worked directly with university professor at UC San Diego to educate youth in a variety of computer science topics
- Improved productivity of students in the classroom using collaborative teaching practices and engaging conversation
- Increased efficiency and effectiveness of lessons through providing feedback on lesson outlines

Area Director, Scouting America – Ogden, UT

Jun 2019 - Aug 2024

- Managed a team of 10 by resolving conflict, setting project expectations, and upholding deadlines
- Operated autonomously and communicated effectively to maintaining team integrity & productivity

Projects

Personal Code Base Server

- Deployed an Ubuntu-Linux based ssh server as a remote working environment to host projects as an isolated asset
- Maintain environment connection and stability while adding software packages as workflow needs change

Portfolio Website

github.com/thatchereames/website

- Current mid-development project in the Ruby on Rails development framework to showcase other projects
- Integrating several languages and structures into one cohesive experience using the Rails Framework

Zoo Simulation Terminal Game

github.com/thatchereames/animal-game

- University course term project in Java that uses terminal IO and abstraction to create a user interactive game
- Java code utilizes JUnit tests and inline tests to find bugs and validate functionalities & usability of the game

Awards & Certifications

Eagle Scout Award The highest award in Scouting & indicative of exemplary leadership, dedication, & knowledge

Director Training Course Certification Course certification encompassing many of the necessary skills to lead a team

American Red Cross CPR & First Aid Certification Well versed in lifesaving skills of injury tending & rescue CPR