

TIMOTHY TUCKER

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EDUCATION **University of California, Berkeley – Berkeley, CA** **May 2024**
B.S. Electrical Engineering and Computer Science

Bonita Vista High School – San Diego, CA **June 2020**
International Baccalaureate Diploma and CSF Life Membership **4.4 GPA**

Relevant Coursework

Past: AP Computer Science A (5)

Fall: CS 61A The Structure and Interpretation of Computer Programs,
Math 53 Multivariable Calculus, CS 198-093 Cubstart DeCal

Spring: CS 61B Data Structures, EE 16A Designing Information Devices
and Systems I

EXPERIENCE **ThoughtSTEM LLC** **June 2019 – July 2019**
Software Engineering Intern *San Diego, CA*

- Developed curriculum to teach programming concepts using Racket
- Contributed to and monitored our summer project's GitHub repository, working collaboratively with a group of interns
- Taught ThoughtSTEM's coding curriculum to K-12 students

PUCKidz **Aug 2016 – March 2020**
Volunteer Youth Lacrosse Coach *San Diego, CA*

- Led local youth lacrosse camps during weekends and school breaks
- Organized and supervised activities designed to entertain youth participants, improve their lacrosse skills, and promote physical fitness

PROJECTS **BearBucks** **September 2020 – Present**
JavaScript, HTML, CSS

- Designing and developing a web application to help students and clubs on campus organize their finances with a team of software engineers
- Plan to pair an intuitive & responsive UI using Bootstrap with a JQuery-powered backend that generates useful analytics for the user

CS:GO Data Analysis **March 2020 – May 2020**
Java

- Analyzed over 300,000 rounds of Counter Strike: Global Offensive as part of an IB Math HL research paper on probabilistic analysis
- Leveraged my knowledge of Java to generate realistic probability functions and integrate kernel density estimations

AWARDS **Eagle Scout, Boys Scouts of America** **November 2019**