

**Tate Criqui**  
(he/him)

[tlcriqui@gmail.com](mailto:tlcriqui@gmail.com) / (858) 775-4582  
<https://www.linkedin.com/in/tate-criqui/>

---

## EDUCATION

---

**CALIFORNIA POLYTECHNIC STATE UNIVERSITY (CAL POLY)** San Luis Obispo, CA Started **August 2025**  
Computer Science, Honors Program, Class of 2029

**CANYON CREST ACADEMY (CCA)** San Diego, CA Graduated **May 2025**  
Career/Technical Pathways: Software/Systems Development, Engineering Technology

**CARLETON COLLEGE SUMMER LIBERAL ARTS INSTITUTE (SLAI)** Northfield, MN Summer **2024**  
Lab Project: Computer Vision and AI Tools. Final research project on motion detection, ASL detection, and facial recognition in Python.  
Course: Web Development. Experience creating a website with html and Javascript, reading data from a CSV file.

**MIRA COSTA COLLEGE** San Diego, CA Summer **2023**  
Programming with Python

---

## EMPLOYMENT

---

**THE LEAGUE OF AMAZING PROGRAMMERS** Summer **2025**  
Lead Teacher at a community-based non-profit organization.  
· Taught Python, Java, and game design to grades 4-12.  
· Skills: Python, Java

Teaching Assistant. January **2022-May 2025**  
· Completed Java Programmer Level 8 (highest) certification, 8/23.

**MOM'S BAKESHOPPE** Summer **2024** and Summer **2025**  
Shift Lead, Trainer, Payroll Coordination, Customer Service, Cashier/Baker, San Diego County Fair

**SAN DIEGO SUPERCOMPUTER CENTER**, University of California, San Diego Summer **2023**  
Intern, Science Communications

---

## ACTIVITIES & SKILLS

---

**CCA ADVANCED ENGINEERING** Spring **2025**  
· Worked with a team to design a college class curriculum for engineering students. Together we created 7 lessons for future students to create projects in LabVIEW  
· My lessons: Use LabVIEW software to construct an edge detector and a 7-segment display  
· Mentor: Anthony Mauro, NextStream

**CCA ENVISION THEATRE** January **2023-May 2025**  
Teaching Assistant in Improv Day Classes, Acting Conservatory Member  
· Skills: Playwriting, Directing, Stage Management, Acting, Improv

**CCA COMEDYSPORTZ** September **2021-May 2025**  
Senior Manager & Referee (12), Junior Manager (11), Chair of Posters Committee (10), Player (9-12)  
· Skills: improvisational comedy, competitive improv

**CCA SPEECH AND DEBATE** September **2021-May 2025**  
Speech Captain (11, 12), Dramatic Interpretation and Impromptu (10), Parliamentary Debate (9)  
· Skills: Parliamentary Debate, Improvisational Speech, Dramatic Speech. Speech Coach.

**CCA CLASSICAL GUITAR ENSEMBLE** September **2021-December 2024**  
Co-President (11, 12), Vice President (10), Member (9)

**TEEN VOLUNTEERS IN ACTION** September **2019-May 2025**  
Community Volunteering and Leadership. Service Organization Member (7-12)

---

## HONORS and AWARDS

---

- **National Merit Scholar**
- **Cal Poly Merit Scholarship**
- **Don Diego Scholarship Foundation**, Schenk Family Endowment Employee Scholarship
- AP Scholar with Distinction, College Board
- Rensselaer Medal (science and math), CCA
- Franci Free Award (service and leadership), TVIA
- Royal Conservatory of Music, Classical Guitar

---

## PUBLICATIONS and PRESENTATIONS

---

- **Criqui T. A Murder Most Foullest.** Original Play. Produced May 2025. Directed by Sameer Whittle.

- Criqui T, Rachuba F, Thomas Z. **A Good Sign for Security.** Poster presentation, Carleton SLAI Research Symposium. 2024 July 26.
- Criqui T, Bruch KM. **Finding game-changing superconductors with machine learning tools.** 2023 July 21. [www.phys.org/news/2023-07-game-changing-superconductorsmachine-tools.html](http://www.phys.org/news/2023-07-game-changing-superconductorsmachine-tools.html)

Other

American Red Cross CPR certification. Adult, Baby, and Child CPR, First Aid, AED. Expires 6/6/2027.