Katelin Tharp

(408) 704-0993 **|** katelin.c.tharp@gmail.com | [LinkedIn](#) | [Portfolio](#)

Education & Credentials

Berkeley Teacher Education Program (BTEP) | Berkeley, CA *June 2025 – Present*
M.A. in Education, Single Subject Teaching Credential in English *Anticipated June 2026*
<u>Additional Subject Authorizations:</u> Computer Science, Psychology

Northeastern University | Boston, MA *September 2020 – December 2024*
Khoury College of Computer Sciences GPA: 3.90/4.0, Summa Cum Laude
B.S. in Computer Science and Cognitive Psychology
Minor: English

University College London | London, UK Summer Semester 2023
International Studies Program GPA: 4.0/4.0, Distinction

Teaching Experience

Student Teacher | Pinole Valley High School, Pinole Valley CA *August 2025 – Present*
- Developing and implementing 10th and 12th grade ELA Lesson plans for bi-weekly observations serving 100+ students.
- Collaborating weekly with cooperating teacher and university supervisors to refine practice and align instruction with California Common Core, Universal Design for Learning (UDL), and responsive pedagogy standards.
- Leading and Designing full class period and week-long takeover lesson plans.

Substitute Teacher | West Contra Costa Unified School District *August 2025 – Present*
- Executing emergency and planned lesson plans in English, Computer Science, and elective courses.
- Maintaining accurate attendance records and applying classroom management strategies to support productive learning.

Global Scholars Head TA| Northeastern University London, London UK *January 2024 – May 2024*
- Facilitated lab instruction, created and graded assessments, and hosted 20+ office hours per week to support 100+ Global Scholars students for CS2510: Fundamentals of Computer Science II.
- Worked with London faculty to create and run a cross-site education program with Northeastern's home campus in Boston.
- Connected with the home site team on a weekly basis to share insight into the experience of performing this function and teaching first year Computer Science students abroad.

Computer Science Teaching Assistant | Northeastern University, Boston MA *Fall 2021, Fall 2022, Fall 2023*
- Conducted and co-taught course-related labs, assisted students with coursework, and reviewed course content.
- Supported 900+ students in reviewing concepts such as the design recipe and functional programming.
- Held 5+ office hours per week for one-on-one academic support and tutoring.

Industry Experience

Software Engineer | eMoney Advisor, Remote June *2024 – May 2025*
- Continued work on eMoney's Data Aggregation services as part of the group and advisor parser team using tools such as Docker, Fiddler, and Powershell.
- Completed code reviews to further engage with the team and improve eMoney's monolithic legacy codebase.
- Independently carried complex MFA, OTA, and JavaScript parser-related tickets and features through all stages of development.

Software Developer Co-Op | MCPHS, Boston MA *January 2023 – June 2023*
- Supported the Application Development staff in the programming, analysis, documentation, and testing of new and existing applications to support the university Student Information System.
- Maintained existing software systems by installing upgrades and identifying/correcting software defects.
- Created technical specifications, test plans, and operational documentation for development projects. Enhanced existing systems by analyzing business objectives, preparing actions plans, and implementing solutions.

Software Engineer Co-Op | eMoney Advisor, Radnor PA *January 2022 – August 2022*
- Solved customer-reported issues with 800+ screen scrapers on eMoney's Data Aggregation services using our .NET/C# stack involving other tools such as XPath, SQL Server, and Powershell.
- Collaborated with other developers, support, and analysts via Jira, Teams, and Bitbucket.
- Independently carried tickets and features through all stages of development. Parsed and interacted with data in HTML, JSON, and OFX/CSV forms.

Achievements

2025 Khoury College Undergraduate Teaching Award *May 2025*
- Honored for leadership role as lead TA in London, creating assignments and managing remote Boston TA team.
- Recognized for three years of outstanding work as a lead teaching assistant.
- Awarded for ability to help students without prior CS experience succeed through instruction and assessment design.

Interests

English & Computer Science Education | Digital Humanities | Tennis | Dungeons & Dragons | Video and Board Games