

# MERIEM BENSALLOUA



Highly experienced and dedicated mathematics professional with 5+ years of teaching, advanced tutoring, and student mentorship experience across international and U.S.

Demonstrated expertise in significantly improving student learning and course retention through targeted one-on-one tutoring, specialized workshop facilitation (including UCI pre-collegiate programs), and proactive student mentorship.

Combining deep pedagogical skills with emerging Data Science and Machine Learning knowledge to foster quantitative literacy. Seeking a role focused on instructional excellence, student success, and academic mentorship.

## PROFESSIONAL EXPERIENCE

### UC Irvine Texera Workshop Teacher Assistant | El Camino College 2025

**Instructional Leadership & Collaboration:** Served as a key participant and host for the UC Irvine Texera Teaching Assistant Workshop held directly at El Camino College, demonstrating successful academic partnership between the college and university.

**Advanced Curriculum Development:** Applied advanced pedagogical strategies from the workshop to design tailored lecture and lab materials specifically for community college students, focusing on introductory Data Science and Machine Learning concepts.

**Technical Delivery:** Utilized the Texera platform to develop and manage integrated instructional content, ensuring materials were accessible and relevant to the diverse community college curriculum.

### Advanced Math Tutor | El Camino College 2021-2025

**Award-Winning Performance:** Recognized with the El Camino College Best Tutor Award for consistently achieving exceptional student outcomes and providing superior instructional support.

**Curriculum Development & Statistics Expertise:** Proactively prepared college-level Statistics tutorial materials for students, demonstrating a capacity for developing instructional content beyond typical tutoring duties.

**Specialized Tutoring:** Provided high-impact, individual and group tutoring for complex mathematical concepts across Statistics, Precalculus, Intermediate Algebra, and Elementary Algebra.

**Differentiated Learning:** Developed and adapted tutoring modules based on the individual learning abilities of students, ensuring productive learning and conceptual clarity.

### Success Mentor | Cerritos College 2019-2025

**Holistic Student Support & Referral:** Acted as a vital resource hub, successfully referring students to over different college services, including Financial Aid, counseling, and addressing issues of food insecurity and student health services.

**Academic Progression & Guidance:** Assisted students in making a successful transition toward fulfilling their academic and career goals through personalized guidance and mentorship.

**Progress Monitoring:** Systematically checked and tracked the academic progress of assigned students throughout the semester to proactively ensure retention and success.

### Math Teacher | USTHB 2013-2016

Teaching Assistant for Statistics, Prealgebra, Elementary Algebra, Intermediate Algebra, and Precalculus

Comprehended each students' individual needs for understanding complex mathematical concepts

Thoroughly went through existing mathematics curriculum and created supportive lesson plans

Implemented lesson plans to groups of students by concentrating on their abilities

Promoted a classroom environment that is safe and conducive to learning and instruction

## Education & Certifications

- Master's Degree – Discrete Mathematics and Optimization | [USTHB] | 2010 – 2013
- Bachelor's Degree – University Study in Statistics | [USTHB] | 2001 – 2005

## Certifications & Professional Development

- Fundamentals of Data Science in Precision Medicine & Cloud Computing (40-Hour Certificate) | Stanford Medicine 2025
- Teaching Assistant Certificate (Texera Workshop) | UC Irvine 2025
- Award Winner (Second Place) in Data Fest | El Camino College 2025
- Institutional Involvement: Active member of the Data Science Club, participating in collaborative projects to enhance quantitative literacy among the student body.

## Data Wrangling and Visualization Certificate

- Cal Poly Pomona University Spring 2022
- Teaching Assistant Program Certificate Cerritos College Fall 2021
- Certificate of Completion of ASK Mentor Training Session Cerritos College Spring 2021