Pablo De La Cruz

Los Angeles, CA | pabloyngdlc@gmail.com | https://pycruz.com | in pycruz

EDUCATION

Bachelor of Arts in Mathematics GPA: 3.8 *Aug 2026*
University of California, Berkeley

- **Coursework:** Real Analysis, Complex Analysis, Numerical Analysis, Probability, Abstract Linear Algebra, Abstract Algebra, Microeconomic Theory with Calculus, Macroeconomics with Calculus, Discrete Mathematics, Linear Algebra and Differential Equations, Honors Thesis, Number Theory

Associate of Science Degree in Mathematics, Business GPA: 4.0 *Jun 2024*
Associate of Arts Degree in Economics, Psychology GPA: 4.0 *Jun 2024*
El Camino Community College

WORK EXPERIENCE

Mathematics Supplemental Instructor *Feb 2023 - Jun 2024*
El Camino College - Torrance, CA

- Prepared worksheets and mock exams to provide students with supplemental support
- Compiled and analyzed weekly reports to track student attendance, engagement, and academic progress
- Collaborated with the course's professor to tailor sessions specifically to the course

PROFESSIONAL DEVELOPMENT

Founder and President
El Camino Business Society *Feb 2023 - Jun 2024*

- Established the organization to provide networking and career-building opportunities to 100+ students
- Organized professional development workshops and university excursions, fostering industry exposure

Senator of Business
El Camino College ASO *Jun 2023 - Jun 2024*

- Represented 2,100+ students through advocating and voting for campus-wide academic and financial initiatives
- Held weekly office hours to address student issues and provide support on academic and campus-related matters

MATHEMATICAL WORKS

- Senior honors thesis from UC Berkeley on irrationality theory (advised by Yunqing Tang): https://pycruz.com/On_The_Arithmetic_Nature_Of_The_Zeta_Function_And_Its_Generalizations.pdf
- Project from complex analysis on The Basel Problem and related problems: https://pycruz.com/The_Basel_Problem.pdf

ACHIEVEMENTS

- Dean's List (6 semesters)
- Honors Transfer Program Certification
- Member of Alpha Gamma Sigma (AGS) Honors Society
- Graduated with honors from UC Berkeley