

# Albert Ponferrada Sicart

[albertponferrada@berkeley.edu](mailto:albertponferrada@berkeley.edu) | +1 510-356-7916 | [www.linkedin.com/in/albert-ponferrada](http://www.linkedin.com/in/albert-ponferrada)

## EDUCATION

### UNIVERSITY OF CALIFORNIA, BERKELEY

B.A. in Data Science | *College of Computing, Data Science, and Society*

**Domain Emphasis:** Business/Industrial Analytics

**Related Coursework:** Foundations of Data Science; The Structure and Interpretation of Computer Programs; Data Structures; Economics; Business Analytics; Culture and Natural Resource Management; Human Contexts and Ethics of Data; Principles & Techniques of Data Science; Probability for Data Science; Data Engineering; Brain, Mind, and Behavior; Data, Inference, and Decisions; Advanced Business Analytics.

**GRADUATION DATE:** MAY 2026

**GPA:** 3.6/4.0

**Student Athlete, Athletic Scholarship**

## PROFESSIONAL EXPERIENCE

### DMK MINING LLC

*Geological Image Processing Intern*

**Istanbul, Turkiye**

*Jul 2024 – Aug 2024*

- Developed and deployed a Python-based **image processing** system for high-throughput geological PNG files, applied in iron and chrome ore fields in Kutahya.
- Increased image processing throughput by 40% and reduced manual interventions by 30% with a **modular pipeline** that minimized error-prone repetitive tasks.
- Enabled **multi-format image compatibility** and **automated RGB channel extraction** for mineral composition studies, improving decision-making accuracy by 25% in exploration planning.
- Collaborated with geologists to tailor the system to specific mineral analysis and integrated it with the existing mapping software.

### PFotoalbums

*Business Analytics Intern*

**Barcelona, Spain**

*Sept 2022 – Sept 2023*

- Implemented a **data pipeline** to streamline sales information, reduced processing time by 25%, improved data integrity.
- Executed in-depth demographic analysis with clustering and segmentation algorithms to identify customer patterns.
- Conducted **multi-dimensional product analysis** and **inventory optimization**, cutting overstock by 20% and enhancing supply chain efficiency.

## PROJECTS, LEADERSHIP & EXTRACURRICULAR EXPERIENCE

### BlueChipNIL

(Entrepreneurship Award Sportstech Berkeley 2026)

**Berkeley, CA**

*Apr 2026 - Present*

- AI NIL Marketplace & Deal Automation to connect overlooked college athletes and small businesses, \$10B NIL market.
- Automates discovery, creative generation, and legal contracting, targets 98% of athletes ignored by existing platforms.

### CALIFORNIA MEN'S WATER POLO TEAM

*Team Captain*

**Berkeley, CA**

*Aug 2022 - Present*

- 2 x NCAA Division 1 Champion 2022 and 2023, All-American Selection 2023, 2024, 2025.
- Team captain in the 2024 and 2025 teams.

### SPANISH WATER POLO NATIONAL TEAM

*Team Member*

**Spain**

*Aug 2018 - Present*

- Silver Medal U17 European Championships
- Bronze Medal Senior World Cup

## CERTIFICATIONS

ACC Academic Honor Roll

*Sep 2024-May 2025*

Certificate in Dietetics and Nutrition at UOC (Open University of Catalonia)

*Sep 2021-Mar 2022*

## SKILLS, ACTIVITIES, INTERESTS & LANGUAGES

**Skills & Languages:** Python, Pandas, Scikit-Learn, R, Java, JavaScript, HTML, SQL, PostgreSQL, C++, CSS, Microsoft Office, Spanish (Native), Catalan (Native), English (Fluent), Turkish (Novice), JupyterHub, Canva

**Activities:** Waterpolo (International D1 Athlete), dedicated around 15-20 hours a week to practice for the last 9 years

**Interests:** Piano, Web Development, Cultural Exploration (visited 15+ countries), Cooking (Signature Dish: Loco Moco and San Sebastian Cheesecake)