

Jack Bradbury

Thousand Oaks, CA 91362

(708) 491-8261 Jbradbury@callutheran.edu

HIGHLIGHTS

- Proficient with Python, Java, & SQL utilizing both in personal projects and related course of study.
- Experience in data analytics using python libraries and REST APIs for data driven solutions.
- Skilled in gaining meaningful insights from large datasets, focusing on problem solving and decision making.
- Demonstrated leadership and teamwork skills as Vice President of Investment club and NCAA water polo team captain.

EDUCATION

California Lutheran University; Thousand Oaks, CA

Bachelor of Science in Computer Science, Mathematics Minor – May 2026

RELATED COURSEWORK

Database Management Systems – Studies the concepts and structures necessary to to design and operate databases.

Algorithms – Learning about different algorithms used in computer programming (sort, search).

Machine Learning – Learning supervised and unsupervised techniques, focusing on programming and implementation.

Probability and Statistics – Course on probability, distributions, and statistical inference methods.

Advanced Computer Programming – Programming course focused on OOP using Java.

EXPERIENCE

California Lutheran University

Thousand Oaks, CA

Sept. 2023-Present

NCAA Water Polo

- Took a full academic course load while maintaining performance in both sports and academics.
- Participated in competitive environments, winning a conference championship and placing 2nd nationally.

California Lutheran University

Thousand Oaks, CA

Sept. 2022 -Present

Vice-President of Investment Club

- Led quantitative research initiatives and collaborated on investment strategies, developing insights using advanced data analytics techniques.
- Organized events, communicated with faculty and student government to allocate funds.

Western Springs Service Club

Western Springs, IL

May 2019-Aug 2023

Head Lifeguard

- Leadership role in charge of scheduling, directing team's work, and organizing projects.
- Chosen by pool boss through an interview process to be 1 of 7 out of the entire staff.

PROJECTS

Client Server Architecture

- Built a multi-threaded client-server architecture in Java, using SQL to securely store and manage client logins.
- Implemented REST APIs between client and server, enabling efficient data exchange and functionality.

NBA Statistical Ranking

- Developed a mathematical system that calculates a players proficiency using multiple advanced statistics.
- Used Python to scrape data from the web, create large data tables, perform calculations, and gain insights.