Blake Herrera ★ San Antonio, TX 78250 ★ (210) 845-9845 ★ blakeherrera1@gmail.com

---

Data Scientist

Creative and resourceful in overcoming obstacles and optimizing workplace efficiency and waste reduction. Detail-oriented individual who thrives in fast-paced environments. Energetic and inspiring leader who relishes competition and new challenges. Passionate self-starter always striving for improvement.

Core Competencies
★ Python 3 ★ Java ★ C ★ Competitive Programming ★ Data Science ★ Data Analytics ★ Troubleshooting ★ Strategic Planning ★ Quick Learner ★ Attention to Detail ★ Teamwork ★ Leadership ★ Progress Assessment ★ Curriculum Development

Certifications
★ Six Sigma Yellow Belt

Awards and Honors
★ Top 2.7% of programmers on projecteuler.net
★ Top 4% of programmers on open.kattis.com
★ Top 20% of programmers on cses.fi
★ Top 3% of Texas chess players (United States Chess Federation)

PROFESSIONAL EXPERIENCE

Chess Coach | Self-Employed / Complete Chess - San Antonio, TX (2017 to present)
★ Prepare child and adult learners for competitive chess tournaments, in individual and group settings.
★ Recognize and extrapolate patterns from chess games and categorize them for use in scientifically validated teaching methods
★ Became lead chess instructor of Complete Chess Education after only 4 months.

Assoc. Mgr. of Central Sterile Supply | Stability Biologics - San Antonio, TX (2020 to 2022)
★ Team leader; Promoted after 6 months to supervisor, and then after 12 months to assoc. mgr.
★ Created computer programs to check logs and paperwork, and analyze flow of goods.
★ Nominee for company *"bright idea award"* for PDF organizing program.

EDUCATION

B.S. in Computer Science, concentration in Data Science | University of Texas at San Antonio - San Antonio, TX (Anticipated Fall 2023) - **GPA: 3.7**
Completed Coursework: ★ Data Science ★ Computer Organization ★ Calculus III
Courses In-Progress: ★ Computer Architecture ★ Analysis of Algorithms ★ Systems Programming ★ Application Programming
Clubs/Organizations: ★ Association of Computing Machinery - Intercollegiate Programming Contest ★ Chess Club *(president)* ★ Secular Student Alliance *(president)*

Distinguished High School Diploma | John Jay Science and Engineering Academy - San Antonio, TX (Graduated 2015) - **GPA: 4.0**