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# Jaedon Ibarrola

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## SUMMARY

I'm a competitive, analytical problem solver with four years of self-taught coding experience in Python and Rust and nine years of experience in leveraging technology to analyze market trends. I am passionate about learning new programming skills, and I have built web scrapers, profitable trading bots, and API libraries to make data-driven financial trade decisions.

## SKILLS

- Strong analytical and critical thinking skills
- Proactive and self-driven, with an innate ability to rapidly master new programming languages
- Proven ability to design and implement purpose-built stock trading bots to operate 24/7
- Adept at harnessing technology to analyze market trends, using financial trading platforms and software to optimize performance management
- Proven track record of managing and elevating individual financial portfolios to outperform market benchmarks
- Skilled in Google Workspace and MS 365 Suite
- Proficient in FL Studio, Adobe Photoshop, and Adobe Premiere Pro

## EXPERIENCE

- Developed a program using the Rust programming language to compare prices from Market.csgo and Steam Community Market to resell Counter-Strike: Global Offensive skins for profit.
- Contributed to open-source development by creating a library in Rust to make TD Ameritrade's API more accessible. This library is publicly available on GitHub under the repository name 'tdameritrade\_rust.'
- Analyzed and monitored local and international markets for potential trading opportunities. Managed and reviewed the performance of individual portfolios to optimize returns.
- Designed and implemented purpose-built stock trading bots using Raspberry Pi to autonomously buy, sell, and trade around the clock

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- Developed a program using the Python programming language to automate the creation of AI Reddit stories to upload to YouTube
  - Created multiple web crawlers using the Python programming language
  - Led recruitment efforts and mentored fellow students in the Lovejoy Chess Club
  - Volunteered with various service organizations within my community

## **VOLUNTEER WORK**

- Wreaths Across America, 2022 - 2023
  - Participated in Wreaths Across America Day to honor the sacrifice of military veterans by placing wreaths on their gravestones at DFW National Cemetery
- All Community Outreach, 2022
  - Served to help local families in need by volunteering to assist with receiving, sorting, and processing donations
- National Honors Society, 2019 - 2023
  - Made blankets and cards for children in hospitals
- Universal Interscholastic League Band Competitions, 2021 - 2023
  - Served as a hall monitor at Willow Springs Middle School for Solo and Ensemble UIL competitions
- Lovejoy High School, 2023
  - Assisted in preparing meals for the homeless
- First United Methodist Church, 2018
  - Crafted letters to church members and active military members stationed abroad
  - Filled stockings for active military members stationed abroad during the holidays

## **MEMBERS AND GROUPS**

- Vice President of the Lovejoy High School Chess Club
- Member of the Chess Society at Baylor
- Member of the Baylor Climbing Team
- Member of the Lovejoy High School Investment Club
- Member of the Lovejoy High School Cybersecurity Club
- Euphonium Player in the Lovejoy Wind Ensemble
- Baseball Player for the Allen, Plano, and McKinney Sports Associations

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## EDUCATION

### Baylor University

August 2023 - Present

- Data Science Major in Baylor's School of Engineering and Computer Science
- Economics Minor
- Expected graduation date May 2027

### Lovejoy High School

August 2019 - May 2023

- Recognized as an AP Scholar Graduate with 12 AP and 13 Honors Classes
- National Honors Society
- Gifted and Talented Program

## RECOGNITIONS AND AWARDS

- AP Scholar at Lovejoy High School
- 2x Winner of Lovejoy High School Chess Tournament
- Winner of Texas Chess Center Competition on February 6, 2022
- Winner of the Cyber Security Off-Site Competition for Critical Start in 2022
- Advanced Level Chess Player - 99th Percentile Lichess - 91st Percentile in the State of Texas by the United States Chess Federation