

Diego Fernando Vela

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92618, 238 Lemon Grove, Irvine CA

EDUCATION

- **California State University, Fullerton**
 - Bachelor's Degree in Computer Science
 - January 2023 - May 2025 (Expected)
 - GPA: 3.32
- **Irvine Valley College**
 - Associate Degree in Computer Science
 - August 2020 - May 2023
 - GPA: 3.33

WORK EXPERIENCES

Research Intern, California State University-Fullerton

- June 2023 - August 2023
- Researched and wrote a C++ algorithm for pairs trading
- Compared statistical data between similar stocks
- Analyzed trends between correlated stocks and patterns of convergence and deviation
- Presented findings at a research symposium

RELEVANT COURSEWORK

Computer Science: Software Engineering, Algorithms, Data Structures, Operating Systems, Compilers, Computer Organization & Assembly, Computer Ethics, and Programming Languages.

Mathematics: Computer Discrete Mathematics, Multivariable Calculus, Statistics.

PROJECTS

- React.js personal website hosted on github
- Pacman game using javascript
- Compiler Development in C++
- Multi-threaded programs with Mutex Locks and Pipes as well as data structures

TECHNICAL SKILLS

Programming Languages: C, C++, Python, Java, Visual Basic, MIPS Assembly, HTML/CSS, Javascript

Tools & Environments: Figma, Visual Studio Code, Excel, Access Database, Jira, Eclipse, Microsoft Office, React.js

Operating Systems: Linux, MacOS, Windows