

RICARDO MENDEZ

5525 N STANTON STREET 35D, EL PASO, TX, 79912

Phone: (512)888-6189

Email: cardocodes@gmail.com

Github: <https://github.com/cardocodes>

LinkedIn: <https://www.linkedin.com/in/cardocodes/>

EDUCATION

University of Texas at El Paso | *El Paso, TX*

Bachelors of Science in Computer Science | *Expected December 2022*

- Senior with a focus in Software Engineering
- 3.2 Graduate GPA
- Relevant Courses: Data Structures and Algorithms, Computer Architecture, Operating Systems, Software Engineering, Cross-Platform Development, Machine Learning, Computer Security, Database Management, Numerical Analysis, Discrete Math for Computer Science, Interval Computations & Technical Issues

University of Texas at Austin | *Austin, TX*

Bachelors of Liberal Arts in Economics | *2016 - 2018*

- Undergraduate Studies under Department of Economics
- Relevant Courses: Micro Economics, Macro Economics, Managerial Economics, Calculus for Business, Economic Statistics

TECHNICAL SKILLS

- **Proficient:** Python, JavaScript, C,
- **Intermediate:** HTML, CSS, SQL, Microsoft Office, Git, Linux, MacOS, Windows
- **Familiar:** Dart, Flutter, PHP, Haskell, Wolfram Mathematica, Vim, React, Gatsby

COMMUNITY AND RESEARCH

ScholarWorks at UTEP | *Researcher* | 2021

- Research how to gauge the quality of a multi-class classification when the ground truth is known with uncertainty.
- Develop mathematical formulas utilizing interval computations that expand beyond traditional approaches

Coding Interview Club | *Member* | 2020 -2022

- Solve technical questions using data structures and algorithms as a means of evaluating skills.
- Practice career development through through problem-solving skills, technical workshops and mock interviews

Association of Computer Machinery | *Member* | 2022

- Engage in community hackathons and UTEP technical skills workshops.
- Advocate for student engagement in developing skills through technology and research opportunities

AWARDS AND HONORS

Steele Hackathon Finalist | *Dec. 2021*

- Top 3 to achieve a given number of tasks in winter hackathon

T-Mobile Winners Circle | 2021

- Nominated for Top 10% sales metrics in El Paso region

Sprint Circle of Achievement | 2019

- Awarded for Top 10% sales metrics in Central Texas Region

UGL Top Scholar | 2016-2018

- Undergraduate learning program award for top first generation university students
- Awarded first two years of undergraduate studies

PROJECTS

CAN-BUS Visualizer | *Senior Project* | Jan 2022 - Current

- Work alongside USDEVCOM to program a CAN-BUS visualizer for data analysts, using the software engineering requirements and development process
- Work in a self-managed team by delegating roles, responsibilities and tasks throughout members

MSP430 Micro Controller | *Academic Project* | 2021

- Program a microcontroller in C using bitwise I/O, interrupts, timers, state machines, registers, and assembly.
- Design a programmable game from scratch using Linux & Emacs.

Virtual Portfolio | *Personal Project* | 2021

- Static web portfolio to showcase personal information and past projects
- Tools used to create this project JavaScript, React.js, and Gatsby.
- Used to learn more about the React framework and Web Dev

WORK AND EXPERIENCE

JPMorgan Chase | *Virtual Intern* | 2022

Software Engineering Experience

- Receive tasks in the form of engineering tickets and make the proper adjustments to complete objectives
- Process stock data using python to analyze when trading for a given stock should occur
- Insure integrity of program by adding test cases to the methods in the client application

Steele Consulting Inc | *Participant* | Dec. 2021

Winter Hackathon Qualifier

- Work alongside a fullstack developer to create a game using JavaScript and Phaser application framework
- Browse framework documentation to expand upon an existing codebase for a web app
- Work in a team and compete against other groups to identify flaws and add features

AI4ALL | *Member* | Aug. 2021 - Dec. 2021

College Pathways Program

- Import and clean data from Reinforced, Supervised and Unsupervised learning models
- Research classification and clustering algorithms and explore best cases for implementation
- Tools include Python, Scikit Learn, Numpy & Jupyter Notebook
- Import data from Kaggle datasets to create, train, and test learning models and ensembles

T-Mobile | *Sales Expert* | April. 2018 - April. 2021

Sales Expert & Sales Integration Lead

- Lead product launches, marketing changes, and visual presentation standards for mobile service and phone sales
- Plan and execute a sales action plan every month to drive sales and maximize profitability
- Lead and train a sales team to achieve success across innovative and standard sales platforms