

Christian Pichardo

Student - LinkedIn: <https://www.linkedin.com/in/christian-pichardo-2a2754196>

Profile

I am a student at The University of Texas at Austin pursuing a Bachelor of Science in Computer Science. Strong background in Java/Python/Swift, iOS Programming, data structures, object-oriented programming, algorithms, probability, calculus, computer architecture, and data mining with a passion for developing team-oriented solutions to complex engineering problems. When in a team setting, I tend to be the guy who makes everyone laugh and enjoy themselves, in hopes to lift stress off the shoulders of everyone. Humility is the most important trait I exhibit. Having the ability to take criticism well allows me to grow as a person day in and out. Finally, I deeply appreciate the support system that has gotten me this far in life, and I would not be where I am today without it.

Education

University of Texas at Austin - August 2018 — Grad: December 2022

Work Experience

Part-Time Computer Science Instructor- Juni Learning - May 2022 — Current

- 1:1 private computer science sessions in **Python** and **C++**. Students' ages range from 8 to 18
- The skillset I have gained allows me to explain high-difficulty technical concepts in an easy to digest way
- Topics range from for loops to sorting algorithms and recursion
- Juni receives the most University student applications in the EdTech space and hire fewer than 10% as Juni Instructors

Management Consultant Internship – Chevron - January 2021 — May 2021

- My role as project development manager was to take advantage of IoT (Internet of Things) and Artificial Intelligence to provide a skeleton of a feasible and efficient system to help optimize and improve upon real-time sensor feedback systems that are currently outdated.
- Presented skeleton to Chevron Executives

Personal Projects

iOS Applications - June 2022

- Developed projects utilizing table views, collection views, stack views, etc...
- Implemented **Firestore** features for multiple users in an application
- Familiar with user defaults, core data, file manager, and keychain for data management, along with the model-view-controller architectural pattern for user interfaces

Stonk Alert - June 2021

- Developed with a team for a software engineering project
- Website that tracks stocks with the highest social sentiment, and displays information related to those stocks.
- Implemented **unit tests** for our PostgreSQL backend along with tests on Postman, documented API on Postman and developed frontend features via React.

PintOS - March 2021

- Expanded a toy OS and completed the following tasks:
 - Implemented priority scheduling
 - Allowed argument passing on the stack,
 - Implemented system calls for user programs
 - Added virtual memory
- Converted the existing single-thread file system into a multi-threaded file system

Speed Dating- Data Mining - July 2022

- Data Exploration Analysis was used to understand a real-world dataset on speed dating
- Implemented feature engineering to find new features that would give us better accuracy
- Scikit learn was the framework for our models (SVM's, Neural Networks, Decision Trees, and K-Nearest Neighbors)

Extra-curricular activities

Texas Wranglers at the University of Texas at Austin - August 2019 — Present

- Active member
- Served as **Recruitment Coordinator** for 2 semesters
- Committed over **100 hours** in community service to the Austin community, including:
 - Mentoring children at Maplewood Elementary School
 - Walking dogs at the Austin Animal Shelter
 - Volunteering at the local Habitat for Humanity.
 - Assisting at a food bank in a local church near campus.
- The organization was recognized as the **most outstanding** men's organization on campus for 2 years in a row, as well as many other accolades
- I would be more than happy to speak more on this organization

Hispanic Association of Computer Scientists - August 2022 — Present

- Recently joined this organization to build relationships in the community I relate to most
- Attend weekly meetings as well as networking events the organization hosts

Details

Austin, TX, United States
915-249-0039
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Skills

Java Programming
Python Programming
Interpersonal Skills
Swift Programming
Git- Continuous Integration

Interests

Trading
Weightlifting
Volunteering
Recreational Sports
E-commerce
Drawing
Swimming
Self-Improvement
Anime (One Piece)

Languages

English *Native speaker*
Spanish *Mild Proficiency*

Achievements

University Honors, Fall 2018
Dean's List - Cum Laude, Fall 2018
University Honors, Spring 2019
HSF Scholar

Coursework

Algorithms and Complexity
Data Structures
Computer Architecture
Operating Systems
Linear Algebra and Matrices
Probability
Discrete Math
Competitive Programming
Software Engineering
Object-Oriented Programming
Data Mining
iOS Mobile Computing
Natural Language Processing
Android Mobile Computing
Contemporary Issues in Computer Science