Maximiliano Torresdey Flores

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**CAREER OBJECTIVE:**

I am a Computer Science student at Texas A&M (with an emphasis area in statistics) seeking an internship or co-op in 2021. I am a Junior with a GPA of 3.7 graduating in Dec 2021.

**CORE COMPETENCIES (By order of proficiency):**

Languages: Java**,** C++, JavaScript, Python, PHP, SQL, HTML, Ruby.

Technologies: Git, Android Studio, REST API, SQLite, Node, React

**EDUCATION:**

*Jan/2017-Dec/2018*

Associate degree at Lone Star College, TX. GPA: 3.98

*Jan/2019- Dec/2021 (in progress)*

Computer Science BS at Texas A&M University, College Station, TX. Current GPA: 3.7

**Scholarships:** Bridge to Aggieland Scholarship, College of EN Student Scholarship, Texas Aggie Scholarship

**WORK EXPERIENCE:**

*Jan/2021 – Present (part time)*

* ***Software Engineer intern*** at *Catuxy*. where I worked on the front-end on existing web apps using React, JavaScript and Typescript.

*Aug/2020 – Dec/2020 (18 weeks, part time)*

* ***Full-stack Engineer intern*** *at E-software.* I worked with a team of 8 to develop a Native Android app using Java for an international chemical supply company.

*Jul/2020 – Aug/2020**(*12 weeks, full time*)*

* ***Engineering Team Member*** in the *SEC Directed Internship* where a business case for the development of a software application was created. Mentored directly by multiple industry professionals including Jim Donnell (Ex-CEO of Synenco Energy) and Rodney Boehm. Worked with a multidisciplinary team of engineers. Went through all the processes that go into product development.

**PROJECTS (outside from work experience)**

***Give Me Four Game (JavaScript):***

*Solo project. Constitutes of a strategy game. The game includes an AI to compete against that wins about 2/3 of the times against casual players.* [*https://github.com/Maxrod98/Connect4App*](https://github.com/Maxrod98/Connect4App)

***3D Rasterizer built from scratch (C++):***

*Converts an obj file (contains vertices data) to a rendered 3d image.* [*https://github.com/Maxrod98/CSCE441-A1*](https://github.com/Maxrod98/CSCE441-A1)

***Financial Android App (Android Native Java):***

A personalized app built for a business owner to track invoices and save documents, created entirely by me. I may provide a demo if requested.

**Compiler for Pascal (Java):**

Implemented a compiler that translates Haskell-like syntax to abstract stack machine code.[*https://github.com/Maxrod98/CSCE441-A1*](https://github.com/Maxrod98/CSCE441-A1)

**HIGHER LEVEL COURSES TAKEN (3rd and 4th year):**

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| --- | --- |
| * Computer Organization * Programming Languages (Java) * Intro to Data Science (Python) * Compiler design (Java and C) * Software Engineering (Ruby on Rails) | * Design and Analysis of Algorithms * Introduction to Computer Systems (C++) * Statistical Computing (R) * Programming Studio (PHP, Java, JavaScript) * Computer Graphics (C++) * Machine Learning (python) |