Edgar Portales

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Summary

Fast learner, self-starter, student/software developer. I believe that adapting and learning new technologies is essential for our current world and also exciting. Active ESC member encouraging younger generations into the world of technology and working on projects to improve our community. Proficient in Python and C++.

EDUCATION

Texas A&M University, *College Station Tx.*

B.S. Computer Science — May 2021

Concentration: Software Engineering — GPA: 3.44

Technical Skills

Languages: Python, C++, JavaScript, SQLite, HTML, CSS, Perl, Unix/Linux, Java, MySQL

Frameworks/Technologies: Flask, Django, Kivy, AWS, Swing

PROJECTS AND EXPERIENCE

Software Developer Intern, *Momentum Enterprises, Irving Tx.* — Summer 2019

Software Tools Developer

- Solo developer to create a software tool that would be used to migrate and back up **60 TB** worth of data as archives into **AWS** cloud
- Tool was developed in **Python** using two services from **AWS Boto3** a SDK for python to make data transfers to **AWS** Cloud Storage, and **AWS Snowball** to migrate 60 TB of data into AWS cloud
- Created a library to track what archives must be submitted or updated using a **JSON** file as a   library.
- Experienced, completed full **Software Development Life Cycle** for project, from design and development to deployment and maintenance of the project to a **Production environment**

Foster Pets Web Application (In Development) — April 2019-Present

Foster Pets offers a better, faster, and easier way to advertise foster pets and find a home for them

- The App offers two user interfaces one for the Foster who is available to register their foster pets that are available for adoption, and another one for Users interested in adopting.
- Maintains a direct connection between Users adopting and fosters based of Pets chosen by users Adopting, and also for a better and smoother transition for pet adoption.
- Tools used: Django, HTML, CSS, JavaScript, Python, SQLite.

Hackathons and Organizations

- Engineers Serving the Community, 2017-Present, Active Member
- TamuHack 2019, Participant
- TamuMake 2019, Participant
- Hackathon for Diversity TAMU 2018, Participant