

Paula Letícia Gerónimo

College Station, TX, 77840 ▪ Laredo, TX, 78046 ▪ paulagero182@gmail.com ▪ (956) 324-3376

[in](#) /GeronimoP [Q](#) /paulageronimo [e](#) PaulaGeronimo.com

EDUCATION

Texas A&M University

College Station, TX

Bachelor of Science in Computer Engineering

MAY 2023

- Relevant Coursework: *Introduction to Programing Design & Concepts, Technical Business Writing, Calculus III, Data Structures & Algorithms, Discreet Structures in Computing, Differential Equations*
- Youth Advisory Committee Mentor, Society of Professional Engineers Technical Affairs Committee, Political Org. Secretary

United High School

Laredo, TX

Engineering & Technology Magnet

JUNE 2019

- GPA: 3.78/4.0; SAT: 1440/1600
- Relevant Coursework: *Engineering Design + Presentation, Principles of Applied Engineering, Scientific Research + Design, Engineering Design + Problem Solving, AP Computer Science Principles, Principles of Architecture, AP Computer Science A*
- Youth Advisory Committee President, Computer Science Club, BEST Robotics, Interact Club Secretary, Longhorn Marching Band, Wind Ensemble, All-Region Band

PROJECTS & ACTIVITIES

Education Project

Virtual

Front-End Developer Lead for DSLX Academy

OCT 2020

DSLX Academy is an online platform and app to improve literacy and speech patterns through the usage of handwriting practice and articulation/pause rates.

- Used **Flask-Bootstrap**, **HTML**, and **CSS** to develop the front-end of the website. **Python** and **JavaScript** were used for the backend
- Implemented a Dyslexic-friendly UI through UX research & advice; Received 100% positive feedback from users with Dyslexia
- Included **Microsoft Azure** Cognitive Services Speech-to-Text and **Google Cloud** Vision technologies. Hosted on Google Cloud's VM

Small Business Project

Laredo, TX

Lead Programmer for King Scaping LLC

MAY 2019 – JUNE 2019

Challenges: keep a spreadsheet of estimated monthly costs for the project. Small business project for AP Computer Science A.

- Programmed GUI and an estimated quote calculator in **Java** for a landscape business. Used **Google Sketchup** for the sample architectural construction of the office space and **AutoCAD** for the internal layout.
- Kept costs low, minimal estimated quote calculator on the GUI; Projected revenue of **\$5,680.00** within the first month in business

EXPERIENCE

Texas A&M University – CEHD Technology Services

College Station, TX

Student Technician

DEC, 2019 –PRESENT

Part-time desktop support team position within the College of Education & Human Development.

- Assist students, faculty, and staff in recommending and executing solutions (remotely and in person) to **complex technical problems** on personal and college technology
- Obtained knowledge on active directory, database and server **administration**, adding printers, imaging/reimaging, administrative rights on campus technology, Outlook Exchange setup, and remote desktop; provided **excellent customer service and communication**
- Research on ways to create a more efficient workplace, focusing on communication, execution, and expanding the knowledge base using Microsoft Word; Resulted in improvements in overall employee efficiency, reduced ticket wait-time by **90%**

Texas A&M University - Department of Electrical & Computer Engineering

College Station, TX

Research Scholar

SEP 2019- DEC 2019

The control and operation of the three-phase autonomous microgrid present variants of the challenges required for the operation of the main power grid.

- Read several articles, textbook excerpts, and past research papers on the implementation of higher-level thinking within **electrical systems of microgrids**; Presented findings and research poster at the Texas A&M University Undergraduate Research Expo
- Used computer simulation models of **power electronics** interfaced distributed generators; Developed those **simulation studies** to verify solutions to different control and operation challenges of autonomous microgrids.

Self-Employed

Laredo, TX

Freelance Device Repairman

NOV 2016 – NOV 2019

- Repaired several iPhones in the span of two years through reading various manuals, watching YouTube videos, and extensive searches through device-repair forums; Services were more than 50% cheaper than repair shop costs while making 2x of invested money.

SKILLS AND INTERESTS

Technology: C++, Python, JavaScript, Java, HTML, CSS, Bootstrap, Flask, Node.js, AutoDesk, Adobe Creative Cloud, Microsoft Office

Achievements: Phi Theta Kappa Honor Society, CEHD Employee Kudos (February & September), Regents Scholar, McLamore Scholar

Languages: English (fluent) ▪ Spanish (fluent)