

# Jose Elizondo

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## Profile Summary

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As a performance and research-driven individual with 4 years programming experience, I utilize critical thinking and systems design to build effective solutions, focusing on safety, compositionality, and reproducibility. As a computer science student, I'm looking for an opportunity to contribute to NASA as a Digital Engineering Developer Intern at the Johnson Space Center, contributing to the normalization and formalization of pilot digital engineering systems.

## Competencies

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- Experience with Python, Rust, JavaScript, Lua, Bash (Scripting), Docker/Podman, and Nix/NixOS
- Experience with object-oriented and procedural programming paradigms
- 6 years experience working with Linux operating systems
- Fluent in English and Spanish

## Open Source

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**[sunsetr](#)**: My automatic blue-light filter written in Rust that maps geolocation and solar elevation to calculate gradual colorimetric temperature-shifts for screens aligned with the local sunset and sunrise.

- Maps 10,000+ cities world-wide to precise coordinates and 500+ time zones to approximate geolocations
- Utilizes Rust's type system to simplify the problem space, minimizing ambiguity and nullifying invariants
- Faithfully simulates timing of solar events across arbitrary time windows and locations

**[pycodon](#)**: My automatic DNA/mRNA codon terminal cipher written in Python that maps codons to their respective amino acids and types.

**[timeshell](#)**: My time manipulation shell written in Rust for development and testing using simulated time.

## Professional Experience

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### Business Owner / Developer

March 2021- Current

**EVE LC** - San Antonio/Austin, TX

I operate as a business owner and contractor while attending college, servicing both commercial and residential clients in San Antonio, Austin, and the surrounding areas. As a business owner and computer science major, I:

- Develop and maintain our website, backend services, server, and SEO
- Calculate and issue formal estimates and invoices using our internal application
- Manage logistics and operations at our clients' various job sites

### Technician

March 2017- March 2021

**HelloTech** - San Antonio, TX

Worked as a contractor installing and troubleshooting IOT and network devices. During this time I learned computer networking, the TCP/IP protocols, and systems administration.

## Education

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**San Antonio College**  
**UTSA**

**AS in Computer Science**  
**BS in Computer Science**

Expected May 2026  
Expected May 2028