

# Nathan Castro

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## EDUCATION

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**Brigham Young University**, College of Physical & Mathematical Sciences Provo, UT  
Bachelor of Computer Science Jan 2021 - Apr 2025 Expected

- Relevant Coursework: Data Structures, Discrete Structure, Computer Systems, Intro to Computational Theory
- Organizations: Competitive Programming Club
- Awards: 2023 HSF Scholar

## EXPERIENCE

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**4Life Research** Sandy, UT (Remote)  
*Bilingual Customer Service Representative* Jan 2021 - Jan 2022

- Maintained above 90% productivity by providing excellent customer service in a timely manner.
- Kept a 4.5 star quality survey average by attentively listening to customers and making sure all issues were resolved.
- Effectively communicated with customers worldwide in both Spanish and English, adhering closely to company policies.

**The Church of Jesus Christ of Latter Day Saints - Brazil Santos Mission** Santos, SP, Brazil  
*Volunteer Representative, Executive Secretary, Financial Secretary* Sep 2018 - Nov 2020

- Renewed and managed visas for more than 70 volunteers from all over the American continent.
- Oversaw financial and office functions for the organization and its over 140 volunteers.
- Coordinated the immediate departure of all foreign volunteers within 12 hour notice due to pandemic.

## PROJECTS

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**Cloud-Based Game Server Deployment** Apr 2023

- Deployed game server/management panel using **Oracle's Cloud Infrastructure** and **Pterodactyl Panel**.
- Configured a **Virtual Machine Instance** in a **Linux** Environment on Oracle Cloud for hosting servers and panel.
- Optimized setup and maintenance processes with Linux tools such as **SSH** and **Bash Scripting**.

**Personal Website** May 2022

- Built a website to experiment with technologies and host my personal/school projects using **JavaScript** and **HTML/CSS**.
- Modeled a selection screen with clickable 3D objects using **Three.js** and published the website using **Github Pages**.
- nathanjcastro.com

**Google Forms Submission Organizer** Apr 2020  
*Financial Secretary (Brazil Santos Mission)*

- Reduced time-consuming task from 2 hours to 15 minutes by creating a program in **python** that downloads and sorts images submitted through google forms. The images are renamed and sorted to be used and printed as financial records.
- Used **tkinter**, **pandas** and **google-auth** to create GUI, sort through data, and enable google authenticated downloads.

**Traffic Game** Apr 2018

- Designed a 3D traffic simulator game using **Unity** game engine for submission at the Utah Digital Media Arts Festival.
- Created 6 different scripts in **C#** for game logic, player movement and collisions, with thorough documentation.

**Digital Media Portfolio** Sep 2017 - May 2018

- Completed multiple projects in the **Adobe** and **Autodesk** Suites and was awarded a certificate in Digital Media.
- nathancastroblog.wordpress.com

## SKILLS

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- Languages: English, Spanish, Portuguese
  - Programming Languages: C/C++, Python
  - Tools/Technologies: Excel, Photoshop, Premiere, Illustrator, Maya, Inventor, Unity, Git