

Matheus Plinta

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EDUCATION

Brigham Young University

Bachelor of Science in Computer Science

Apr 2025

Provo, UT

- GPA 3.80
- Dean's List in Spring 2024 and Winter 2025
- Courses: Deep Learning, Artificial Intelligence, Operating Systems, Web Development

PROJECTS

Contractual

Mar 2026

Developer

Utah

- Built and deployed a full-stack contractor project-tracking application using Django REST Framework and React, including authenticated CRUD workflows, REST API design, and public-server deployment with security isolation

ESP Lift

Jan 2026

Developer

Utah

- Developed an ESP32-based cable-machine rep counter using ESP-IDF in C, hardware interrupts for encoder tracking, WebSockets for real-time communication, and a React front-end for live workout feedback

EXPERIENCE

Optimal Technical Solutions LLC

Jan 2025-Jun 2026

Owner/Self-Employed

Eagle Mountain, UT

- Provided network configuration and support, computer management, and custom software development for clients
- Maintained custom infrastructure code in Nix and Bash scripts to reduce maintenance toil

Freelancer

Dec 2014-Jan 2018

Software Developer

Brazil

- Developed a Java-based power-grid operations simulator used to audit operation plans
- Developed a restaurant CRM and inventory platform using C# and SQL, including table management and invoicing workflows
- Developed a Python/Qt retirement-benefits calculator for a law office to automate client benefit estimates

Conforpés Orthopedics & Prosthetics

Apr 2015-Sep 2016

Inventory Assistant / Software Developer

Brazil

- Developed inventory management software with SAP DI API integration (C#, MSSQL)
- Developed companion app for handheld scanner (C#, Windows CE)

VOLUNTEER EXPERIENCE

Cottonwood High School

2019-2020

Programmer/Tutor

Murray, UT

- Programmed robot control systems using networking, hardware interfaces, and interrupt-based logic, contributing to a rookie-category win at the 2019 FRC Utah Robotics competition
- Returned after graduation to tutor students in robot programming and computer-vision-based control automation

SKILLS

- Programming languages: Python, C#, TypeScript, SQL, C, Nix, Bash
- Frameworks: React, .NET, Qt, Django, ESP-IDF
- Tooling: Git, AI/Codex, Docker, Nix, Terraform, CI/CD
- Fluent in English, Portuguese and Spanish
- Proficiency in working with and maintaining Linux workstations and servers
- Familiarity with Active Directory environments and Kerberos/NTLM authentication using IIS Server