

# John Gorriceta

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## Education

### Brigham Young University - Idaho

B.S. Computer Science | Emphasis: Machine Learning

Dec 2024

Rexburg, ID

- Cumulative GPA - 3.93
- Member of Association for Computing Machinery

## Skills

Typescript

Next.js

FastAPI

JavaScript

Python

C#

React

PySpark

SQL

## Work Experiences

### Computer Scientist Intern

United States Air Force (*React, JavaScript, TypeScript, Cloudflare*)

May 2024 - Present

Hill AFB, UT

- Security Clearance Level: **SECRET**
- Optimized cloud infrastructure** by creating and implementing a cost-effective serverless deployment proposal on Cloudflare, reducing deployment and development costs by \$10k.
- Collaborated in an Agile team** of 4 developers to build 2 internal applications using React, JavaScript, and TypeScript, streamlining information distribution and improving employee onboarding.

### Frontend Engineer

IvorySafe (*React, TypeScript, TailwindCSS, AWS, JIRA*)

Nov 2023 - Jun 2024

Remote

- Engineered frontend architecture** using React, TypeScript, and TailwindCSS to enable platform-agnostic deployment.
- Streamlined design iteration** by integrating Figma into the development flow, increasing iteration frequency by 75%.

### Backend Engineer Intern

BackLocal (*Python, FastAPI*)

Mar 2022 – Apr 2022

Remote

- Developed REST API integration** in Python and FastAPI with Shopify API to catalog products for 5 local businesses.
- Implemented automated web scraping** in Python to enhance SEO for 7 local businesses.

### Web Developer

Barton Consulting (*WordPress, PHP, Docker, GitLab*)

Dec 2021 - Jan 2024

Idaho Falls, ID

- Coordinated client site maintenance** and implemented custom functionality using PHP for 30 WordPress sites, ensuring optimal site health.
- Established sandboxed testing environments** using GitLab and Docker to test custom functionality and ensure site reliability.

## Volunteer Experiences

### Volunteer CIT/CSE Tutor

BYU-Idaho Computer Science Department

Sep 2023 – Apr 2024

Rexburg, ID

- Mentored 7 students weekly** to develop and solidify web development and fundamental programming concepts.

### Data Engineer

BoxieCat (*FastAPI, Python, Polars, Google Cloud*)

Sept 2024 - Present

Remote

- Optimized ETL pipeline on Google Cloud** by transitioning existing extraction operations to a serverless architecture, reducing idle server uptime by 40%.
- Worked in tandem with an Agile team of 7 developers** to streamline data transformations, ensuring precise modeling of extracted datasets.