

# Giovan Cervantes

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## Education

**Bachelor of Applied Science in Software Development** | 2022 – 2025

*Green River College, Auburn, WA*

- GPA: 3.8

### Relevant Coursework:

- Data Structures & Algorithms, Object Oriented Programming, Full Stack Web Dev, AI & Data, Cloud Application Deployment, Systems Programming.

## Technical Projects

**Anthropology Inventory Manager** | Feb 2025 – June 2025

Collaborated with faculty to deliver a modern web-based inventory system for Green River College's Anthropology department, streamlining outdated methods.

- Acted as product owner, managing the backlog and guiding development priorities to align with our clients needs.
- Developed responsive front-end with React and Material UI, including a dynamic dashboard and specimen entry form, reducing data entry times by 50%.
- Implemented secure user authentication using JSON Web Tokens and role-based access control for admin functionality.
- **Stack:** React, Node.js, MongoDB, Mui.

**RockHound Mineral Identification Mobile Application** | Sept 2024 – Dec 2024

Used PyTorch to create and train a custom convolutional neural network model, with the goal of providing reliable mineral identification.

- Collected, cleaned, and labelled custom image datasets.
- Built and fine-tuned a custom neural network to improve mineral classification performance.
- **Stack:** Python, Jupyter Notebook, TensorFlow.

**JupyterLab Micro Internship with CodeDay** | Apr 2024 – May 2024

Collaborated with JupyterLab maintainers and an agile team to enhance platform documentation and user experience, successfully merging several issues.

- Enhanced Documentation and added additional UI features such as dropdowns within the settings menu.
- Streamlined workflow by deploying Docker containers for JupyterLab development.
- Gained hands-on experience with an extensive, multi-language codebase, refining debugging and version control skills.
- **Stack:** Typescript, JupyterLab

## Work Experience

**Merchandiser** | 2023 – Present

*The Home Depot, Federal Way WA*

- Demonstrated strong analytical skills by accurately interpreting and implementing detailed project instructions, resulting in a 1% project kickback rate.
- Supported customers by providing product knowledge and problem-solving assistance, enhancing the customer experience and contributing to sales growth.

**Para-educator** | 2019 – 2021

*Meredith Hill Elementary, Auburn WA*

- Volunteered as an assistant math team coach, providing mentorship to students and building critical thinking skills.
- Delivered personalized support to a diverse student population, improving classroom engagement and academic performance.

## Skills

**Front-end:** JavaScript, HTML5, CSS, Bootstrap, React, jQuery, Sass

**Back-end:** PHP, MySQL, Java, Node.js, Express, Python, MongoDB

**Tools:** IntelliJ, WebStorm, GitHub, Agile, Figma, VSCode, Docker, Jupyter