Diego de Jong

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Education

Grand Valley State University — Allendale, MI
Bachelor of Science in Computer Science, Minors in Cybersecurity and Mathematics — *Aug. 2024 – Expected May 2028*
GPA: 3.7/4.0, Dean's List 4/4

Zurich University of Applied Sciences — Winterthur, Switzerland
Study Abroad, Studied Machine Learning and Data Mining — *July 2025*

Relevant Coursework
CS: Computer Science 1 and 2, Data Structures and Algorithms, Database, Computer Organization
Math: Discrete Structures, Linear Algebra, AP Calculus BC

Skills

Languages: Spanish (Fluent; MI Seal of Biliteracy), Dutch (Basic), Japanese (Basic; JLPT N5)
Programming: Python, JavaScript, TypeScript, Lua/Luau, C, C++, C#, SQL, Bash, HTML, CSS
Other: React.js, Git, GitHub

Experience

DevOps Intern — May 2025 – Present
REP4®FinLit — *Grand Rapids, MI*
- Designed, developed, and deployed responsive **web applications** in an **Agile** development environment using HTML, CSS, and JavaScript, including a financial literacy quiz hosted on **Azure** and LearnWorlds website elements accessed nationally by over **25,000** college students
- Independently designed and developed an **AI chatbot prototype** and financial budgeting tool using **React.js** and **TypeScript**
- Implemented **cross-platform functionality**, dynamic UI scaling, and accessibility compliance to optimize front-end performance and usability across browsers and devices

Roblox Developer — July 2020 – Present
Saizen Studios — *Grand Rapids, MI*
- Developed **5+** interactive video games using Roblox Studio, applying software engineering principles and Luau scripting to build **scalable** and **maintainable** game systems
- Built secure **client-server gameplay** using RemoteEvents and server-side validation to prevent exploits, and implemented a DataStore save system that preserves player progress across play sessions
- Developed and optimized **user interfaces (UI)** focused on intuitive design, accessibility, and performance, incorporating user testing feedback to enhance overall **user experience (UX)**

Projects

Portfolio Website | *HTML, CSS, JavaScript, Turso (SQL), Cloudflare Workers* — May 2025 – Present
- Designed and built a responsive personal website on Github Pages showcasing **10+ projects** across games, hackathons, and internship work
- Developed a live guestbook backed by a **Turso SQL database**, applying concepts from database coursework
- Implemented a **Cloudflare Worker** that parses GVSU's live RSS/XML feeds into a serverless API
- For more projects and info, visit **dasnapplel.github.io**

Pokemon GO Battle Assistant | *Python, HTML, CSS, JavaScript* — July 2025
- Collaborated with a diverse group of Swiss and American students to create a Pokemon GO assistant
- Integrated **Pandas** and **NumPy** for machine learning model data sets
- Led data scraping, model training, UI/UX design, and documentation

Leadership & Awards

- President of GVSU Computing Club, Pokémon Club, Splatoon Club, and SHPE
- GVSU College of Computing Academic Scholarship
- Outstanding Undergraduate Peer Mentorship Award
- National Hispanic Recognition Award
- GVSU Peter C. Cook Leadership Academy Student