BAYLOR HARRISON

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EDUCATION

Bachelor of Science
Computer Science

Arizona State University
📅 Graduating May 2025
📍 Tempe, AZ
🎓 3.79 | *Dean's List*
Merit scholarship recipient

RELEVANT COURSES

Data Structures and Algorithms
Principles of Mobile App Dev
Object-Oriented Program & Data Structures
Discrete Math Structures
Found of Machine Learning
Database Management

SKILLS

Python, PowerShell, Linux, Ubuntu, Git, AWS, ReactJS, JavaScript, CSS, HTML, x86, TypeScript, Firebase, Swift, C/C++, Java, C#, Software Design, SQL, Xcode, Unity, Agile, Postgres

Soft:
Adaptability
Communication
Teamwork
Analytical thinking

REFERENCES

Derrick Lawter
Senior Marketing Manager at WebMarkets
✉ Derrick@webmarketsonline.com
📞 (208) 713 – 8212

RELEVANT WORK EXPERIENCE

Intern Web Developer
WebMarkets Digital Marketing & SEO Agency
📅 May 2024 – August 2024   📍 Boise, ID

- Built frontend/backend features for ALPHA SEO, a domain-focused SEO optimization tool, with 2 developers and a project manager. Built with **React**, **TypeScript**, **CSS**, **Node**, and **Firebase**.
- Independent Developer for the company's Client Portal, serving as the central platform for 17 employees for client communication. Worked with the **project manager** and **art director** to tailor the product towards mocks. Built with **Preact**, **TypeScript**, **CSS, Node**, and **Firebase**.
- Added new blogs/pages to client sites using **DNN** and **Sanity** with 4 developers. Built on **HTML** and **CSS**.

Web Developer
Freelance
📅 August 2024 – Present   📍 Remote

- **Axiom PLLC**: Fixed and published 2 broken **WordPress** sites.
- **Butala Branding**: Built, using **HTML** and **CSS,** and launched a complete website for a videographer.

PROJECTS

AI/NLP Powered Chat Assistant: Created an intelligent chat assistant by instruction tuning Meta's open-source language model to hold conversations and answer questions. Built a FastAPI with few-shot prompting, chain of thought, self-consistency, and safety alignment.

Object Detection with YOLOv5: Built using YOLOv5 with **Python** and **PyTorch**, live camera and video input are used to detect surfboards and people with high confidence.

AI Travel Companion IOS App: Built using **Xcode** with **Swift**. A **chatbot** interacts with the user, creating/updating an itinerary of the discussion. Integrated **map and location features** using **Core Data** for data persistence.

3D Machine Learning Visualization: Built with **Unity** and **C#**. Worked in an **Agile team of 5** to create a 3D visualization tool for machine learning algorithms as part of a **capstone project** for a professor at ASU. This tool was incorporated into the professor's course.

ADDITIONAL WORK EXPERIENCE

Shadow Valley Golf Course - Maintenance Crew
📅 June 2023 – Aug 2023   📍 Boise, ID
Perigee Group Construction - Laborer
📅 Dec 2022 – Jan 2023   📍 Boise, ID
📅 June 2022 – Aug 2022
Office Environment Company - Warehouse Assistant
📅 Nov 2020 – Feb 2021   📍 Boise, ID
Edwards Movie Theater - Staff
📅 Nov 2019 – Oct 2020   📍 Boise, ID