

HAYDEN S. WHITE

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EDUCATION

Purdue University - West Lafayette, IN

May 2027

Bachelor of Science in Computer Science

Activities and Societies

- The Anvil Entrepreneurship Organization (Staff Leader) | Data Mine Learning Community (Member) | Dean's List 2023-

EXPERIENCE

Oneshot.ai - Remote

February 2024 - July 2024

Part-Time Full Stack Software Engineer (Mentored by CTO)

- Architected and implemented a subscription state handling system using Stripe's webhook and Checkout API, enabling automated management of complex billing workflows for multiple, concurrent subscriptions per client organization. The system supports the purchase of multiple subscriptions with unique benefits, effectively managing over \$20k in MMR.
- Developed a credit system that manages customer usage of third party APIs to prevent product exploitation and overspending
- Created an interface for salespeople to help simplify prompt engineering for outbound sales prospecting

Oneshot.ai - Remote

October 2023 - February 2024

Software Engineering Intern

- Specialized in integrating and managing third-party services and reducing accrued tech debt in a large codebase
- Implemented website and news scrapers using SDKs and REST APIs for collecting prospect research
- Worked in teams of domestic and international developers to create innovative and efficient solutions

Floop - Seattle, WA

July 2022 - Aug 2022

Software Development Intern (Mentored by CEO)

- Implemented and rigorously tested five full-stack features and fixed over 10+ bugs within seven weeks
- Deployed contributions to over 10,000+ users across the U.S

PROJECTS

UpliftMe

June 2024 - Current

- Developed a full-stack MERN app utilizing LangChain and agent tool calling to generate dynamic roadmaps that guide users toward achieving their goals based on personalized learning preferences
- Built a API-driven suggestion system to recommend relevant books, courses, websites, and YouTube videos
- Deployed the backend on AWS with Elastic Beanstalk, Route 53 (domain management), S3, and the frontend on Netlify

Java Marketplace

November 2023 - January 2024

- Led a 5-person team to create a fully-fledged Java marketplace application in under 6-weeks
- Developed a system to read/write JSON data with the Jackson Library across a network
- Implemented multi-threading and concurrency to support multiple users at once across the server

Location Analyzer - DSA Showcase

September 2022 - January 2023

- Completed Stanford's online undergraduate data structures and algorithms class
- Designed software to build a geospatial graph sourced from the coordinates of every student's house from my high school, complete with clustering and MST algorithms users could use to visualize, map, and highlight unique trends

Dagger - Dystopian Adventure Game

January 2022 - June 2022

- Led a semester-long, 4-person project that used agile methodologies to create a 3D adventure game with Unity and C#
- Created a polished final product with smooth, intuitive mechanics and an engaging storyline

SKILLS

Languages: Typescript, C, Python, Java, JavaScript, HTML, CSS, C#, SQL, R, LaTeX

Frameworks/Packages: React, Node, Express, Stripe, Pandas, Flask, AG Grid, Axios, Tailwind CSS, NumPy, Cypress

Dev Tools, DBs: Git, AWS (EC2, Elastic Beanstalk, Route 53), MongoDB, RESTful APIs, Visual Studio, Unix, MySQL, Firebase