



☎ (918) 261-8083
✉ mt.vernon44@gmail.com
🌐 linkedin.com/in/brayden-vernon
🌐 braydenvernon.com

EDUCATION

HOLBERTON SCHOOL 2023

Diploma in Computer Science & Full-Stack Web Development

TULSA COMMUNITY COLLEGE 2021

Credits in Mechanical Engineering mathematics, chemistry, & physics

TECHNICAL SKILLS

TypeScript	JavaScript	Python
HTML/CSS	Bash	Linux
PostgreSQL	AWS	Canva
SQLite	Firebase	Lua
VS Code	Supabase	Canva
Node.js	Figma	Linux
Android	Vite	.NET
iOS/Mac	Three.js	Next.js

OTHER WORK EXPERIENCE

Basket Case Disc Golf
November 2022 - December 2024

Target Stores
March 2018 - December 2024

BRAYDEN VERNON

SOFTWARE DEVELOPER & DISC GOLF CHAMPION

ABOUT ME

There are two places you're likely to find me outside of work hours: either behind a keyboard, or playing disc golf with my dog Teddy.

Programming is a lot like disc golf. There are countless ways to approach any task or shot, and you've always got to balance expediency with big-picture thinking and foresight. There's no waiting for a perfect shot, and you've always got to be ready for the wind or the needs of the business to change.

That's why I'm always adding new languages, libraries, and discs to my repertoire.

CODING-RELATED WORK EXPERIENCE

Goodwork World

Full Stack Engineer / Technical Wizard July 2025 - October 2025

- Full Stack development at a startup pace: crushing bugs and providing deliverables at the speed of business.
- Research, Prototyping, and Development of AI features & Agentic AI workflows to update user data securely, accurately, and quickly upon request
- Document virus scanning & upload to agent for summaries, filing, and profile updates.
- Combining Next.js Frontend solutions with AWS & proprietary backend solutions via websockets for optimal performance

Archon Resources

Web Developer @ University of Oklahoma December 2024 - Current

- Led full-stack and mobile development for university and state agency projects with a strong focus on data security, accessibility, and performance.
- Spearheaded development of the branch's first mobile app, built with React Native and Supabase, integrating secure OKDHS data in compliance with NIST security standards.
- Designed and implemented backend systems with Row-Level Security (RLS), encryption, and Two-Factor Authentication (2FA) to safeguard sensitive, personally identifiable information (PII).
- Maintained and enhanced multiple web applications using React, TypeScript, WordPress, PHP, Python, and SQL.
- Collaborated across departments and agencies — including OUCPM and the Oklahoma Department of Human Services — to deliver secure, scalable digital solutions for public-sector initiatives.
- Utilized Google Analytics (GA4) and Dataverse to optimize data-driven decision-making and improve user experience.

Varsity Tutors

Computer Science Subject Expert June 2024 - November 2024

- Provided comprehensive tutoring in technologies ranging from assembly language programming to modern web development
- Responsible for crafting instructional materials and personalized study plans for students from middle school to college

Holberton School

Student Tutor September 2022 - March 2023

- Wrote and presented technical talks to hundreds of students on a variety of subjects such as memory management in C, version control using git, and programming a shell from scratch
- Graded major assignments and helped students navigate mastery of skills including algorithmic thinking, debugging, and code structuring
- Adapted teaching methods to personally help diverse student population successfully complete 120+ projects across rigorous, real-world curriculum



BRAYDEN VERNON

SOFTWARE DEVELOPER & DISC GOLF CHAMPION

AWARDS

Guinness World Record Holder
Expected 12/2025

Disc Golf Distance Drive Champion
07/2024

Intermediate Disc Golf Champion
Mid-Town Throwdown 07/2024

Target Team Member of The Month
Awarded Twice (2022 & 2023)

Tulsa Heartland Gaming Expo 2015
5th Place in Game Design

VOLUNTEER SERVICE

Tulsa SPCA 2019-2020

- Trained in dog handling and recognizing signs of aggression to ensure safety and trust.
- Walked, bathed, fed, and socialized dogs to improve well-being and readiness for adoption.
- Helped connect pets with their forever families — even the ones only a mother (or volunteer) could love

RECENT PROJECTS

Basket Tracker Passion Project In Progress

I initially created DiscGolfScore.com to be a functional app that would help my fellow enthusiasts by incorporating relevant statistics via API to assess their performance. Currently handling intelligent factoring of real world data including weather, temperature, course difficulty, and more. Now, I'm redeveloping it into something beautiful, responsive, and modern - using Figma, React, Tailwind, and server-side rendering via Next.js for performance and SEO.

As part of this, I'm developing a robust API using .NET to support advanced features such as round ratings, facilitating real-time data analytics and user insights.

As the app evolves (along with my learning) I am going to build a mobile version using React Native for rapid development on both iOS & Android platforms while maintaining backend functionality with the existing .NET infrastructure, while including extra features with AWS.

Websites for Friends Solo Project In Progress

Creating beautiful and responsive websites for friends & designing intelligent business cards with NFC capability to share contact info & link to website from a single card touch. Current websites being designed for multiple occupations including: Real Estate, Massage Therapists, and Sales.

Web Consulting Collab w/Disc Defender 08/2025

Consulted with product owner & developer Richard Keller with the task of reducing operation costs, primarily with SMS & server compute time costs. Assisted with migration plan from Twilio to AWS SNS & SMS services and reduced monthly operation costs by ~57% which brought the project back to a state of positive income

MusicInTulsa.com Holberton Capstone Project December 2023

Successful web app project with real community traction!

Local directory site with user-editable content that focused on helping people discover musicians based on their stated preferences and optional, AI-driven recommendation tool that linked to their Spotify to analyze their tastes.

Personally created cloud functions to interface with client requests, Spotify API, and ML model (hosted on GCP) that handled data manipulation/parsing. Also assisted with UI/UX design based on musical aesthetic and Tulsa themes.