

Brayden Werner

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EXPERIENCE

FIRST AMERICAN TITLE

Software Engineering Intern

Jun 2021 – Current | Santa Ana, CA

- Refactored a web application to enable Business-to-Employee authentication
- Saved a team 3 hours a week by building a UI to compile and chart data across SQL Server tables
- Implemented unit testing with xUnit and Mock frameworks
- Built CI/CD pipelines with YAML
- Organized work using the Agile methodology and met sprint deadlines while working on 3 projects simultaneously
- Worked with React, Angular, JavaScript, C# .NET, SQL Server, Microsoft Azure, Git

UNIVERSITY OF MICHIGAN

Software Engineering Intern

Dec 2020 – May 2021 | Remote

- Developed scalable solutions for maintaining and expanding a large-scale database
- Deployed code used by thousands of users
- Wrote a complex script to update over 1,000 user documents after refactoring the database
- Worked with React, JavaScript, Firebase, Recoil, Node.js, Git

SKILLS

Programming Languages

TypeScript, JavaScript, GraphQL, SQL, C#, CSS/Sass, HTML5, Java

Frameworks

React, Node.js, Next.js, Apollo, TypeGraphQL, URQL, .NET Core, Jest

Databases

PostgreSQL, MySQL, CockroachDB, SQLite, Redux

Tools & Platforms

Git/GitHub, Microsoft Azure, Google Cloud, Docker, Google Firebase, Heroku, Netlify, Vercel

PROJECTS

YOUTUBE THUMBNAIL GAME | [WEBSITE](#), [GITHUB](#)

- Built a fun and addicting game with over **2,000** monthly players
- Implemented leaderboard rankings and performance percentiles against other players
- Used React, Next.js, URQL, Node.js, Apollo Server, TypeORM, TypeGraphQL, PostgreSQL, YouTube API, Firebase, TypeScript

NOTES APPLICATION | [PAGE](#), [GITHUB](#)

- Developed a note-taking tool with over **55,000** downloads, **35,000** active users, and a 5-Star rating on the steam marketplace
- Implemented multiple pages, undo and redo buttons, a selector tool

FULL STACK TEMPLATE | [GITHUB](#)

- Built a scalable template for React applications with over **160** stars on GitHub
- Introduced server-side rendered data from PostgreSQL, cookie authentication with password encryption, light/dark theme support

CHROME EXTENSION | [PAGE](#), [GITHUB](#)

- Developed a customizable productivity tool to replace the default Google Chrome homepage
- Implemented video and image uploads to a GCP storage bucket, auto-saving text editor, a drawing board, JWT token authentication, monthly subscriptions with Stripe API, multiple API integrations for other widgets

AWARDS

- [2021 ShackHacks3, 1st Place, Best use of Google Cloud \(250+ participants\)](#)

EDUCATION

University of California, Davis

B.S. Computer Science

Expected graduation: Jun 2024