

# BRAYDEN WERNER

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## EXPERIENCE

### First American Title

June 2021 – Present

*Software Engineering Intern*

*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
- Organized work using the Agile methodology and met sprint deadlines while working on 3 projects simultaneously
- Built CI/CD pipelines with YAML
- Used React, Angular, JavaScript, C# .NET, SQL Server, Microsoft Azure, Git

### University of Michigan

December 2020 – May 2021

*Software Engineering Intern*

*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
- Used React, JavaScript, Firebase, Recoil, Node.js, Git

### CodeLab

October 2021 – Present

*Software Engineer*

*Davis, CA*

- Worked in a small team to develop a self-service fitting room web application for a client
- Used Angular, TypeScript, Firebase, Jira, Git

## PROJECTS

**YouTube Thumbnail Game** | *React, Next.js, URQL, Apollo Server, Node.js, PostgreSQL, YouTube API, TypeScript*

[Website](#) | [GitHub](#)

- Built a fun and addicting game with over **2,000** monthly players
- Implemented leaderboard rankings, performance percentiles, detailed player profile statistics
- Wrote a script to generate a SQL command to add thousands of random YouTube videos to a PostgreSQL database

**Notes Application** | *HTML, JavaScript, CSS*

[Page](#) | [GitHub](#)

- Developed a note-taking tool for the desktop with over **55,000** downloads, **40,000** active users, and a 5-Star rating on the steam marketplace
- Implemented multiple pages, undo and redo buttons, a selector tool, adjustable pen sizes and colors

**Full Stack Template** | *React, Next.js, URQL, Apollo Server, Node.js, PostgreSQL, TypeGraphQL, TypeORM, TypeScript*

[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** | *React, Node.js, PostgreSQL, Google Cloud Platform, Stripe API, TypeScript*

[Page](#) | [GitHub](#)

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

## AWARDS

**SharkHacks3, 1st Place** | *Team Member*

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- Won 1st place and best use of Google Cloud in a hackathon with over 250 participants

## TECHNICAL SKILLS

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

**Frameworks:** React, Angular, Node.js, Next.js, Apollo, TypeGraphQL, URQL, .NET Core, Jest

**Tools & Platforms:** Git/GitHub, Microsoft Azure, Google Cloud, Docker, Google Firebase, Heroku, Netlify, Vercel

**Databases:** PostgreSQL, MySQL, CockroachDB, SQLite, Redux

## EDUCATION

**University of California, Davis**

Davis, CA

*Bachelors in Computer Science*

*Sep. 2020 – May 2024*