

Projects

Password Manager

An end to end encrypted password manager, securely store and share your passwords

Code

Page

Media Tracker

Categorize, sort, rate and track your favorite TV shows and movies, powered by the OMDb API

Code

Page

Scoreboard

Keep track of the score for some of my favorite card games, including Shanghai, Thousand, and 3-5-8 (Sergeant Major)

Code

Page

1BRC

Parse one billion rows of text as fast as possible, completed in TypeScript, Go, Python, and Lua

Code

Google Foobar

Showcasing problem-solving skills from creating prime number generators to solving Markov chains using linear algebra.

Code

Theodore Drzewinski

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Work Experience

Freelance | Full Stack Web Development Apr 2023 - Present

Crafted dynamic and interactive real-time web applications using cutting-edge technologies including Next.js, React, WebSockets, Tailwind CSS, and APIs, ensuring seamless user authentication and top-notch user experience.

Door Guard Inc. | Cab Liner Engineer Sept 2020 - Nov 2021

Engineered innovative elevator cab protection systems with a focus on durability and aesthetics, optimizing the manufacturing process through the operation of a laser CNC machine for precise customization.

Self-Employed | Handy Man and Computer Repair June 2016 - Sept 2020

Provided comprehensive home services including computer repair, appliance maintenance, vehicle repairs, and small home improvement projects, ensuring client satisfaction and loyalty through reliable and efficient service delivery.

FCASD | Help Desk Technician Aug 2015 - June 2016

Assisted Fox Chapel Area High School staff and students with prompt troubleshooting and resolution of technical issues related to computers, printers, and network connectivity, ensuring minimal disruption to daily operations.

Skills & Technical Experience

Programming Languages:	TypeScript, JavaScript, Python, Ruby, Bash
Frameworks:	NextJS, React, ExpressJS, Vanilla Javascript
Databases and ORMs:	MySQL, SQLite, MongoDB, Prisma, Drizzle
General:	Building/implementing APIs and authentication solutions, mobile friendly and responsive UI design, websockets, version control (git), testing, troubleshooting, technical support, computer repair

Education

The Odin Project Nov 2021 - Apr 2023

Completed an intensive online course in Full Stack Web Development, mastering front-end and back-end technologies to build dynamic and responsive web applications.

The University of Pittsburgh at Greensburg Aug 2016 - May 2019

Engaged in diverse coursework spanning Engineering, Mathematics, and Information Systems, showcasing adaptability and a broad academic foundation across multiple disciplines.