

Adam Robert Turman

Software Developer

I'm a Chicago-based software developer with the desire and drive to build tools that help others. My background in education and music performance (jazz saxophonist) set me down a path of life-long-learning. Whether it's writing code or improvising music on stage, my mind feels most at home where logic and science intersect with creativity and art.



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SOFTWARE ENGINEERING PROJECTS

Leet hints — *full stack application for improving skills on technical interview coding challenges*

Front-end is built with React, styled with Bootstrap, and deployed to Github Pages.
Back end is built with an Express API, backed by MongoDB, and deployed to Heroku.

Educational Supply Store — *full stack e-commerce store for donating items to schools in need*

Allows users to view items for sale, add them to a cart, and simulate a purchase.
Built using MERN stack - MongoDB, Express, React, and Node.
Checkout and credit card payment are handled by Stripe API.
Utilized Github for version control and video conferencing for pair-programming.
Built as a member of a remote team.

barbeQuery — *full stack application for creating and updating barbeque recipes*

Back-end is built with an Express API backed by MongoDB and deployed to Heroku.
Front-end is built with Javascript and jQuery and deployed to Github Pages.
Templating is handled by Handlebars.
Styled with Bootstrap.

tikTakTow — *front-end application for playing and logging games of tic tac toe.*

Single-page application that uses token authentication with a RESTful API to create user and game functionality.
Interactive user experience and game logic built with Javascript and jQuery.

TECHNICAL EXPERIENCE

General Assembly, — *Software Engineering Fellow*

June 2020 - September 2020

Over 600 hours of training, writing, and testing code focusing on industry-best practices.
MERN stack focused with the inclusion of Python and Django.
Built and deployed 4 applications utilizing user authentication, CRUD actions, and database interaction, both as an individual and on a team.

ADDITIONAL EXPERIENCE

Crown Point Community School Corporation, — *Department Chair & Instrumental Music Teacher*

August 2015 - June 2020

Designed curriculum and delivered individualized instruction to over 1200 students.
Managed annual budget, led department meetings, and acted as liaison to administration and third party vendors for equipment purchasing and repairs. Grew student enrollment by 45% over in four years by building meaningful relationships with community stakeholders.

SOFTWARE SKILLS

Javascript

React

Express

jQuery

HTML/CSS

Git/Github

MongoDB

Mongoose

Node.js

NoSQL

Bootstrap

OTHER SKILLS

Agile/Scrum

Communication

Problem-solving

Leadership

Teamwork

Education

Time management

Presentation

EDUCATION

DePaul University

Master of Music

September 2011 - June 2013

Indiana University

Bachelor of Music

August 2007 - May 2011