

# Adam Robert Turman

## Software Developer

I'm a Chicago-based software developer with the desire and drive to build tools that help others. Whether I'm 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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## 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
- Built and deployed 4 applications utilizing user authentication, CRUD functionality, and database interaction, both as an individual and on a team.

## SOFTWARE ENGINEERING PROJECTS

### ART Real Estate — full-stack application providing role-based management & search of listings & realtors

- Upgraded a static HTML real estate webpage to have dynamic functionality using Python & Jinja.
- Modified the client site and administration portal to include custom company branding.
- Deployed to Digital Ocean and served via Unicorn and Nginx.

### Leet hints — full-stack application for posting solutions and comments on coding challenges

- Developed an interactive React app that allows software developers of all levels to collaborate and improve their skills on technical assessments.
- Delivered all required specifications on time within the allotted four-day sprint.
- Hosted on MongoDB Atlas.

### Educational Supply Store — full-stack e-commerce store for donating items to schools

- Spearheaded user interface and user experience design with engaging styling using Bootstrap.
- Built using the MERN stack - MongoDB, Express, React, and Node.
- Implemented token authentication for user profile security.
- Integrated Stripe API to handle credit card purchases.
- Coordinated video conferencing for pair-programming and version control through Github amongst the four-member remote team.

### BarbeQuery — full-stack application for creating and updating barbeque recipes

- Programmed the front-end with Javascript, jQuery and the back-end with an Express API.
- Incorporated Handlebars for fast, dynamic templating of new data entries.
- Deployed to Github Pages and Heroku.

## ADDITIONAL WORK EXPERIENCE

### Crown Point Community School Corporation, — Music Department Chair & Band 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

Vanilla Javascript (ES6)

React

Node.js (Express, Handlebars,

Mongoose, npm, etc.)

HTML5/CSS3

Bootstrap

Git/Github

## EDUCATION

DePaul University

Master of Music

2011-2013

Indiana University

Bachelor of Music

2007-2011