

Kevin Engel

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SUMMARY

Adaptable former band director, adept at making swift, clear decisions. Keen focus on managing multiple variables while visualizing the big picture. Transitioning to a role in software development, driven by enthusiasm for growth and learning. Brings dedication, focus, and a collaborative spirit.

EDUCATION

Tech Elevator | Cincinnati, OH

May '24 - Present

14-week Java coding bootcamp focused on developing dynamic web-based software systems using the Java language and platform.

University of Illinois School of Music | Champaign, IL

Bachelor of Arts - Music

TECHNICAL SKILLS

Java | HTML | CSS | JavaScript | Spring Boot | JDBC | Table Design | SQL | PostgreSQL | E/R diagrams | Unit Testing (JUnit) | VUEjs | Git | GitHub | IntelliJ | Postman

PROJECTS

Record Collection - project

May '24 - Aug '24

Tech Elevator | Cincinnati, OH

Full Stack - Record Collection Application - Users create, store, and catalog personal record albums into sharable collections

Create and edit API's for individual users. Backend - IntelliJ IDEA - Java - Spring Boot - JDBC - Frontend - HTML - CSS - JavaScript - VUE.js

TEnmo - application

May '24 - Aug '24

Tech Elevator | Cincinnati, OH

Peer-to-peer payment style application - transfers TEnmo money between users

Http methods to insert, update, and retrieve information from an SQL database - users can send and receive TEnmo money - users can view other users - users can approve or decline requests for transfers - users can view transaction history

Vending Machine - application

May '24 - Aug '24

Tech Elevator | Cincinnati, OH

CLI application - File I/O reading and writing

Accepts money and gives change - displays items and price - the user is permitted to make a selection and purchase a product - uses file I/O to log a transaction - uses file I/O to generate a sales report

12 Tone Serial Tone Row - project

Jul '24 - Present

Personal Project | Hamilton, OH

Full Stack Application - Java / PostgreSQL - backend VUEjs - Frontend

upon the generation of the array a 12 x 12 matrix is built following the principles of music composer Arnold Schoenberg. Utilizes the Web Audio API to generate sound waves from the formed Matrix

PROFESSIONAL EXPERIENCE

Columbus AI Week

Sep '24

Volunteer at Columbus AI Week | Columbus, OH

- Assisted with logistics of guest speaker stages resulting in an **elevated guest experience**
- Enhanced efficiency of Guest/Sponsor/Speaker Registration and Check-in through Event Management software, while tracking check-in time and **optimizing event attendance numbers**

Lakota East High School - Lakota East Freshman - Hopewell JH

Jun '15 - Jun '22

Director of Bands Lakota East | West Chester, OH

- Elevated the band program to Bands of America Grand National Semi-Finalist status, boosting program funding by **50% through successful acquisition of corporate sponsorships**
- Developed a comprehensive beginning band curriculum by merging Tradition of Excellence method books with **innovative digital music tools like SmartMusic**, resulting in music reading proficiency rates exceeding the national standard by one year
- Collaborated with over 20 student contributors to **digitize the entire music catalog post-building fire, which displaced all music due to smoke damage**

Madeira City Schools - High School - Middle School

Jul '04 - Jun '15

Director of Bands - Madeira City Schools | Cincinnati, OH

- Managed the operating budget for the OMEA District 14 region as District Treasurer using **Excel** to ensure financial stability & efficiency
- Facilitated OMEA Solo Ensemble Events to ensure maximum student involvement Elevated confidence levels, & **increased student engagement through performance challenges**
- Attained State Superior Ratings annually as director by implementing a well-organized daily rehearsal schedule & **utilized Facebook & Instagram to boost program visibility**