Tomislav Kraljic

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TECHNICAL SKILLS

- Languages: C, C++, Typescript
- Frameworks/Libraries: SDL, React
- Databases: PostgreSQL, MySQL, SQL-Server
- Version Control: Git

PROJECTS

Particle Simulator
- Developed a highly reliable GUI based application built in C++ and SDL that simulates how electrons behave and move at the molecular level.
- Implemented a design that changes colors of particles through bit manipulation.

Student Database Management System
- Built a Console based student database management system in C++ that utilizes file handling to simulate a real-life database.
- Established a workflow for the user to retrieve, delete, update and create records for students and calculate the grades for each student.

House Value Model
- Created a supervised model built with C# and ML.NET with real data to predict the median housing value in the state of California with a regression rate of 85%.

PROFESSIONAL EXPERIENCE

Software Engineer, *Edify Labs*   Nov 2020 – present
- Optimized system performance by making proactive adjustments and resolving bugs.
- Collaborated with an agile development team to test, develop and maintain web and desktop-based software applications.

Human Resources Specialist, *United States Army*   Feb 2016 – Jul 2020
                                                                       Fort Bliss, TX
- Assisted the Pentagon in auditing the federal budget with the result of reducing waste, fraud, and abuse.
- Processed over 400 awards and revised over 2000+ official military documents for an organization of 250 employees.

LANGUAGES

- Croatian
- German
- Russian
- English

EDUCATION

Ivy Tech Community College, *Electrical Engineering*   Jun 2021 – present
                                                                       Indianapolis

Eleven Fifty Academy, *Software Development Boot Camp*   Sep 2020 – Nov 2020
                                                                       Fishers, IN

Eleven Fifty Academy, *Full Stack Web Development Boot Camp*   Jun 2020 – Sep 2020
                                                                       Fishers, IN