

# Nikolas Zazula

## EDUCATION

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**University of Michigan** — Ann Arbor, MI

Sep. 2017 — Dec. 2022

B.S. in Cognitive Science. Minor in Computer Science.

## WORK EXPERIENCE

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**Freelance Development and Design** — Ann Arbor, MI

April 2020 — Present

Engaged in freelance development work, communicating directly with clients to create streamlined and accessible platforms and marketing materials.

- Developed a digital art portfolio for the University of Michigan showcasing the work of over 20 unique artists within the Ann Arbor area, emphasizing a focus on the site's artwork.
- Collaborated with independent artists to create personal portfolios to showcase their work, while simultaneously enabling their audience to interact with them via blog posts and contact mediums.

**Blockchain Development Intern** — Ann Arbor, MI

Sep. 2020 — Dec. 2022

Designed and implemented solutions with fashion start-up Fashmates, specifically addressing user plagiarism on their platform.

- Work consisted of the development of a computer vision program to identify likely instances of plagiarism, screening user report tickets to reduce their overall processing time.

## PROJECTS

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**SQL Emulator** — Software Development

November 2022

Designed and developed a C++ application utilizing hashing and binary search trees to simulate a basic relational database, with an interface modeled after standard query language.

**MProduct** — Application Design

Sep. 2021

Designed the application interface for my team's MProduct cohort project "Glassroots".

- Project trajectory was shaped by a comprehensive survey involving 50 individuals, prioritizing design and functionality elements for the application.
- Project sourced academic articles regarding social justice topics and conversations in a shareable, engaging social media format.

## SKILLS

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**Programming:** C/C++, HTML/CSS/JS, PHP, SQL, Swift, React JS, Solidity, Swift, Python.

**Software:** Visual Studio Code, XCode, Adobe Creative Suite, Figma, Microsoft Office.

**Relevant Coursework:** Data Structures and Algorithms in C++, Intro to Machine Learning, Computer Architecture, Needs Assessment and Usability Evaluation, Responsive Web Design.

**Extracurriculars:** Michigan Blockchain - *Blockchain Developer*, Blup Bop Jazz Orchestra - *President of Marketing and Events*, Bronze Elegance - *Press and Publicity Chair*, MProduct.