

Thomas Ryszkiewicz
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SUMMARY

A passionate software engineer with experience in both front end and back end software development. Interested in solving meaningful, challenging problems and building usable solutions. Available for Summer Co-Op.

EDUCATION

Rochester Institute of Technology (RIT)
Bachelor of Science in Game Design and Development

Rochester, New York
September 2020

SKILLS

LANGUAGES: JavaScript, C#, C++, Java, Python, PHP, MySQL

SOFTWARE: Photoshop, MySQL, MongoDB

LIBRARIES: Node.JS, D3.JS, React

RELATED PROJECTS

DAY ZERO EXHIBIT

- Worked with a team of 7 on an exhibit for Imagine RIT, designed to spread awareness of water scarcity across the globe and discuss ways to alleviate it.
- Programmed a timeline application which displayed the current water scarcity threat in specific countries and displayed projected scarcity of future years.
- Participated in research, generating funding, and presentation of the exhibit.
- Technologies used: JavaScript, HTML, CSS

STICKER TRADER

- Programmed a website which allows users to trade stickers with others for credits. Users could open sticker packs that they can keep in their inventory, or trade.
- Created a Node server to manage the storage and transfer of data to various clients.
- Used React to program each view of the website.
- Used MongoDB to store account information and Redis to store session information.
- Used CircleCI to test the code for quality.
- Technologies used: JavaScript, HTML, CSS, Node.JS, React

DANGERS OF THE ROAD

- Developed an interactive visualization displaying data of drivers involved in fatal accidents.
- Created a choropleth map which allows the user to find out the range and number of fatal collisions per billion miles traveled in each state.
- Designed a story to teach the user how to navigate the visualization, while also explaining the purpose behind the visualization.
- Technologies used: JavaScript, HTML, CSS, D3.js.

ACTIVITIES

RIT Ski Racing Team, Rochester, New York

January 2017 - Present

- Competes in inter-school ski racing competitions.
- Improves skiing techniques and trains with 20 other members.

WORK EXPERIENCE

Wood Forged Customs

January 2019 - Present

- Designed and developed the primary website for the company.
- Worked with company owner on semi-daily basis to determine features.

Elegant Kitchens And Home Design

December 2019 – January 2019

- Learned 2020Design and used the software to model kitchens in accurate dimensions.
- Used the software to create layouts and renderings for prospective clients.