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## EDUCATION

**Rochester Institute of Technology** – Rochester, New York  
Bachelor of Science, Game Design & Development

Graduated Dec 2021

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## KEY COURSES

- Data Structures & Algorithmic Simulations 1 & 2 (C++/OpenGL)
- Web Implementations & Rich Media Web App Dev I,II (HTML/CSS/JS/NodeJS)
- Math Graphical Simulation 1 & 2, **AND** Interactive Media Development

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## SKILLS

**PROGRAMMING LANGUAGES/SKILLS:** C#, C++, HTML, CSS, PHP, Python, Xamarin, Java  
App/Script, TypeScript, VB, Restful API's

**SOFTWARE:** Autodesk Maya 2017, Microsoft Suite, Visual Studio/ VS Code, NetBeans, Eclipse,  
Blendr, Unity3D, Affinity Design/Photo

**FRAMEWORKS:** NodeJS, ElectronJS, NextJS, ReactJS, Vue, ViteJS, ThreeJS, Webpacker,  
StorybookJS, CircleCI, OpenGL, MongoDB, SanityIO

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## PROJECTS ([Website - tgramz.xyz](https://tgramz.xyz))

### **Perlin Simulator (Ongoing) - (JavaScript)**

**System:** Browser

**Frameworks:** React, ViteJS

Developing a simulator for testing Perlin noise in level design by manipulating terrain data. This is to help illustrate different algorithms that could be used for terrain building.

### **Desktop Launcher (Ongoing) - (JavaScript)**

**System:** Windows

**Frameworks:** React, ElectronJS (**TKG-Template**)

Developing a desktop launcher to house multiple projects for integration of workflow enhancement. Objective is to substitute windows file explorer, consolidate desktop space, and prioritize JavaScript development for quick project creation

### **[Recipe Finder \(Ongoing\) - \(JavaScript\)](#)**

**System:** Browser

**Frameworks:** React

Created a M.E.R.N. based web app where users can create an account and search for recipes based off food tags and the type of food. This app utilizes middleware and can securely add and save user's recipes while allowing for edits.

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## PROFESSIONAL EXPERIENCE

### **Accenture**

**Full Time - Tech Architecture Delivery Analyst** · Apr 2022 to Current · Hartford, CT

- Analyze business models and assess opportunities for improvement
- Assist in clientele-based solutions for better internal workflows.

### **White House Liquor**

**Part Time - IT Manager** - Oct. 2019 to Mar 2022· Rochester, NY

- Helped implement and currently manage an e-commerce portal, utilizing multiple web API's
- Improved SQL database to facilitate vendor management

### **Mastercard**

**Intern - Payment Transaction Services Customer Delivery** · June 2019 to Aug. 2019 · O'Fallon, MO

Enhanced Voice of the Customer Questionnaire process utilizing Microsoft Excel macros to create a standardized model

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## Certifications & Training

- Triscentis Tosca Automation Specialist Level 1 Certificate – Sept 14th, 2022
- Coursera Google Python Course Certificate - Jul 6<sup>th</sup>, 2022
- Introduction to Java Certificate – Jul 28th, 2017