

# LOGAN TANNER

I am a nuclear fusion engineering student working towards an Engineering Physics B.S.E. program with a focus in nuclear fusion reactor engineering. In my studies I have utilized both Octave and C++. Additionally, I have 1 year of experience with software engineering utilizing C++, TypeScript, Vue, & SQLite, under the guidance of a senior software engineer.

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## EDUCATION

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<b>Washtenaw Community College</b>	<b>Ann Arbor, Michigan</b>
<b>Associate in Science</b>	<b>2025</b>
<b>GPA</b>	3.56
<b>Coursework</b>	Inorganic Chemistry, Physics, Programming in C++, Calculus, Differential Equations
<b>Social</b>	Created network of like minded individuals focused on advancing numerous scientific fields and bettering human life wherever possible.
<b>Technologies</b>	C++, Octave, LaTeX

<b>WCC STEM Scholars</b>	<b>2024-Present</b>
<b>Program</b>	The STEM Scholars program encourages, supports, and facilitates success
<b>Details</b>	in STEM students
<b>Tutoring</b>	I officially and unofficially tutored for the program via zoom one-on-ones and group calls to support my peers in their academic pursuits
<b>Mentoring</b>	Under the mentorship of Dr. Eric Schwab and Professor Clifford Taylor, I honed my scientific and mathematic abilities to advance into domains not covered within my credited coursework
<b>Scholarship</b>	Upon my admittance I was awarded the SSTEM scholarship, provided to the program by Michigan State University, for the maximum award available

## PROJECTS

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**Optimal Encounter Pokedex**  
Saves users time finding pokemon in the main series of pokemon games  
**Technologies** TypeScript, SQLite, Cheerio, Axios, Vue, Capacitor

- Aggregates data from: pokeapi.co and bulbapedia.bulbagarden.com
- Created Front-End for tracking caught pokemon in each game, as well as their optimal locations for encounters
- Created Back-End using SQLite to store relevant information and TypeScript to process data

## Pre-Development

### JEFF

**Technologies** Unified Modeling Language, C++, TypeScript, Vue  
**Purpose** Assist Mental Healthcare Professionals and Patients through gathering patient self reporting and reinforcing healthy coping mechanisms learned in sessions

### самиздат

**Technologies** LaTeX, Vue, Capacitor  
**Purpose** Pronounced "sah-miz-dat" is a satirical undergraduate series of texts, ranging from Maths & Sciences to Art & Anthropology, in order to circumvent local libraries not permitting textbooks to be shelved on premises, named after the russian word for self publication, popularized in the soviet era during mass censorship

## EXPERIENCE

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### **Twitch**

#### **Educator**

**02/2021 - Present**

- Curated online community focused on subjects including Engineering, Physics, & Software Development
- Learned new skills at every chance to educate community members
- Networked with educators and creators to foster healthy and growing communities spanning multiple vectors of media
- Reached over 2,100 followers and over 50 concurrent viewers
- Broadcasted over 1,000 hours of live educational content

### **YouTube**

#### **Educator**

**04/2023 - Present**

- Created informative videos for those seeking to engage in academic education and professional development
- Fostered community focused on growth and reinforcing healthy, productive habits to optimize efficiency and enjoyment of life
- Dedicated research in up and coming fields of scientific research, mathematical research, & engineering developments

### **Washtenaw Community College**

#### **Tutor**

**08/2024 - Present**

- Supported fellow STEM Scholars at Washtenaw Community College in their STEM related academic pursuits
- Tutoring sessions covered Inorganic Chemistry, Calculus, and C++
- Utilized Zoom, Open Broadcast Software, and GNU Image Manipulation Program to assist fellow students

## SKILLS & INTERESTS

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<b>Technical</b>	C++, Octave, TypeScript, Cheerio, Axios, Vue, Capacitor, SQLite, LaTeX, UML
<b>Soft</b>	Multitasking, Critical Thinking, Adaptability, Creativity, Leadership
<b>Languages</b>	English Native, German Intermediate
<b>Interests</b>	Cinematography, Miniature Painting & Scenery, Games of all kind, Economics & Global Finance