LOGAN TANNER

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EDUCATION

University of Michigan College of Engineering — Ann Arbor, Michigan

B.S.E. in Engineering Physics — **2027**

- Cumulative GPA: 4.0
- Related Coursework: Nuclear Fusion Reactor Engineering, High Energy Density Physics, Theoretical Physics, Materials Science
- Specialized in Nuclear Fusion Engineering focusing in Nuclear Fusion Reactor Design for both terrestrial and astronautical implementations
- Created networks of like minded individuals focused on advancing numerous scientific fields and bettering human life wherever possible
- Utilized C++, MATLAB, & Octave in studies

PROJECTS

Pokemon Optimal Encounter Pokedex

Saves users time finding pokemon in the main series of games

Technologies TypeScript, SQLite, Cheerio, Axios, Vue, Capacitor
GitHub [githublink]

- 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

Backyard Brawl

Family Friendly Tabletop Wargamming

Technologies Unreal Engine 5, C++, Blender
GitHub [githublink]

- Accessible introduction point for all ages seeking to immerse themselves in surrealist worlds of mayhem and fun
- Focus on bright, vibrant aesthetics designed to invite players to dive deeper into narrative and play
- Approaches rules systems from minimalist perspectives favoring breadth first, and very rarely depth, to maintain sense of novelty in play while preventing players from becoming lost in successive chains of rules
- Released both as video game, using free to play model with paid cosmetic items, and tabletop game, permitting paper model proxies to be used instead of 3D printed models to expand audience as wide as possible
- Players highly encouraged to paint, decorate, & in any way possible make their models their own, both virtually and physically

Concepts

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

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

Twitch

Educator **02/2021 - Present**

- Curated online community focused on subjects including Engineering, Physics, & Software Development
- Learned new skills at every chance to empower community members with interests in pure mathematics, applied mathematics, & all branches of science
- Networked with educators and creators to foster healthy and growing communities spanning multiple vectors of media consumption
- Highlights: Reached over 2,100 followers, over 50 concurrent viewers
- Broadcasted over 1,000 hours of live educational content for free

YouTube

Educator **04/2023 - Present**

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

SKILLS & INTERESTS

Technical C++, Octave, MATLAB, TypeScript, Vue, Capacitor, HTML, CSS, SQLite, Unreal Engine 5, Blender, LaTeX, UML

Soft Multitasking, Critical Thinking, Adaptability, Creativity, Leadership

Languages English Native, German Intermediate

Interests Cinematography, Miniature Painting & Scenery, Games of all kind, Economics & Global Finance