Elijah Turany

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Objective

To obtain an internship in a computer engineering, software engineering, computer science or related field for summer of 2025

Education

University of Wisconsin Stout   **Menomonie, WI**
Graduating May 2026

- Bachelor of Science- Computer and Electrical Engineering (Computer Engineering Concentration)
- Bachelor of Science- Computer Science (Interdisciplinary Concentration)

▪ Minor in Mathematics	▪ Honors Student	▪ Four Star Recognition List (3-time recipient)
▪ Minor in Physics	▪ GPA: 3.91	▪ Dean's List (4-time recipient)

Chippewa Valley Technical College   **Eau Claire, WI**
May 2022

Technical Diploma- IT Software Development Specialist

Skills

▪ C/C++/C#	▪ Linux	▪ Verilog	▪ TensorFlow
▪ Python	▪ JavaScript	▪ Jupyter	▪ Excel
▪ SQL	▪ Qiskit	▪ HTML	▪ Git
▪ Java	▪ Object Oriented Programming	▪ CSS	▪ Solidity

Courses

▪ Operating Systems	▪ Quantum Computing	▪ Relational Databases
▪ Applied Electromagnetics, Physics II	▪ Software Engineering Principles	▪ Signals and Systems
▪ Embedded, Microprocessor, and Digital System Design	▪ Computer Architecture	▪ Digital Logic
	▪ Algorithms, Data Structures	▪ Circuit Analysis and Design

Experience/Projects

Digital R-E-D   **Menomonie, WI**
May 2024 – September 2024

IT Asset Disposition- Urban Miner Internship

- Processed electronic waste devices in roughly a dozen ways to be reused and recycled
- Collaborated with two coworkers to develop device processing workflow as facility came online
- Utilized automated Python and batch scripts, BIOS configurations, custom operating systems, and PowerApps to responsibly dispose of customer data
- Performed diagnosis, configuration, repair, disassembly, and reassembly on hundreds of desktops, laptops, servers and tablets, among other devices
- Streamlined wiping, scrapping, and documenting processes to increase facility throughput and process efficiency

Publishing Expense Tracker Software- UW Stout Honors Project   **University of Wisconsin Stout**
February 2024 – Present

- Strengthening teamwork skills by collaborating with a peer to plan and develop software
- Coordinating with a mentor to maintain project timeline and obtain support if needed
- Specifying system requirements using the software engineering process
- Utilizing Python and a SQL database to implement expense tracker
- Increasing proficiency with Python, Python libraries, and SQL databases

Dual Code Lock Box- Microprocessor System Design   **University of Wisconsin Stout**
May 2024

- Coded and built a lockbox utilizing a microprocessor, keypad, potentiometer, and LCD screen
- Wrote bare-metal C code on microprocessor to handle I/O devices and program logic
- Implemented dial-combination and keypad locks using state machines
- Displayed lock state, entered code, and dynamic instructions on screen

Involvement

Stout Student Association   **University of Wisconsin Stout**
September 2023 – Present

Financial Affairs Committee Vice Chair / Senator at Large

- Representing all students on campus through standing and shared governance committees
- Advising the Chancellor on the allocation of segregated fees
- Allocating roughly $500,000 through the student organization budget process

Awards

Stout Honors College   *Fall 2022 – Present*

Cornell High School Valedictorian   *May 2022*