

Eric Stewart

ericjamestewart@gmail.com ❖ (315) 767-0374 ❖ [Linkedin](#) ❖ [Website](#) ❖ Theresa, NY

EDUCATION

State University of New York at Oswego
Bachelor of Science in Computer Science

December, 2024
Oswego, NY

PROJECTS

[Gravity Wave Analysis Tool](#)

Jan. 24 - May 24

- Designed and implemented the graphical user interface and graphing algorithms.
- Collaborated in a team to iteratively define and apply core software engineering principles, ensuring project milestones were met.

[Checkmake](#)

Sep. 24 - Dec. 24

- Developed and integrated a secure login service, connecting the frontend and backend systems.
- Collaborated in a team to ensure robust authentication mechanisms and seamless user experience.

[MiniJava Compiler](#)

Sep. 24 - Dec. 24

- Built the parsing, type-checking, and code generation components for a MiniJava compiler.
- Applied advanced programming concepts, including syntax analysis and type systems, to ensure correct and efficient compilation.

[Youtbe-dl-gui](#)

Sep. 24 - Dec. 24

- Developed the graphical interface and hooks into the backend.
- Ensured that the program was intuitive and usable for users following various gui principles and techniques.

SKILLS

Programming Languages: Java, Python, C++, C, HTML, CSS, JavaScript

Operating Systems: GNU/Linux, Windows

Libraries/Frameworks: TensorFlow, NumPy, Pandas, Open Liberty, Tkinter, ANTIR, Oracle ASM, Java Swing

Programs/Environments: GitHub, IntelliJ IDEA, PyCharm, CLion, Visual Studio, Visual Studio Code

Specialized Skills: Java Concurrency, Compiler Construction, Machine Learning, Artificial Intelligence, Computational Linguistics, GUI Design and Implementation, System Simulation