

# Isabella Guisti

---

186 Northern Blvd, Haganan, NY | isaguisti@hotmail.com | (518) 414-2513 |

## Education

---

### Clarkson University

*Bachelor of Science*

Major in Computer Science; Minor in Mathematics

Cumulative GPA: 3.17/4.0

*Potsdam, NY*

*Expected December 2025*

### Amsterdam High School

*Advanced Regents Diploma*

National Honors Society, Computer Science Club, Marching Band

*Amsterdam, NY*

*January 2023*

## Relevant Coursework

---

Algorithms and Data Structures, Cryptography, Software Design and Development, Computer Networks, Artificial Intelligence, Computer Vision, Operating Systems, Computer Graphics

## Skills

---

**Technical:** C++, Java, Python, C, HTML, CSS, Google Docs, Google Slides

**Non-Technical:** Organization, Cooperation, Problem-solving, Communication, Collaboration

## Projects

---

### AI-Powered Music Generator (In Progress/Not Fully Functioning)

*Technologies Used: Python (note\_seq), Magenta, MIDI Processing*

- Generates music based on user-inputted keywords and/or genres using Magenta and note\_seq libraries

### Expense Tracker and Budget Manager

*Technologies Used: Python, File Handling (.txt)*

- Built a command-line budgeting tool to track expenses and manage personal finances.
- Implemented data storage using .txt files, ensuring that expense records are saved between sessions and on startup, are loaded automatically to restore previous budget/expense history.

### Personal Website

*Technologies Used: HTML, CSS*

- Designed a responsive portfolio website as a creative extension of my resume, showcasing projects and skills.
- Implemented clean and structured HTML for SEO and styled using custom CSS for a visually appealing interface.