

# Taylor Swift

swiftt@msoe.edu | (414) 123-4567 | linkedin.com/in/taylorswift

---

---

## SUMMARY

---

First-year Computer Science student with an extensive background in team-based and independent technical and creative projects. Skills in Java, Python, and JavaScript. Seeking a part-time or summer internship.

## EDUCATION

---

**B.S. Computer Science | Minor in Math** | Milwaukee School of Engineering | GPA: 3.73 | May 20XX

- Relevant courses: Network Protocols, Computer Organization, Software Development II, Calculus IV
- Member of Honors Program, Society of Software Engineers, and Competitive Programming Team

## PROJECT EXPERIENCE

---

**Project Objective (Team of 2): Create a functioning HTTP client and server in Python.**

- Coded a client from scratch that can request and save a web page in chunked or content-length format by parsing data socket stream to read headers, status line, and payload from an HTTP response.
- Built a server that parses request to store headers with their values in a dictionary, then returns an appropriate status code.

**Result:** Able to successfully navigate to professor's website on a local host through server.

**Project Objective (Individual): Use JavaFX to create a GUI simulating Game of Life.**

- Composed an interface out of Button, Text, and various Pane JavaFX objects.
- Created a grid of cells following rules dictating whether their amount of neighbors will cause them to die.
- Utilized event handlers to iterate through a generation, randomize cells between alive and dead, manually flip cells that are clicked on, and display updated amounts of alive and dead cells.

## TECHNICAL SKILLS

---

- |              |                 |            |                     |
|--------------|-----------------|------------|---------------------|
| ▪ Java       | ▪ MIPS Assembly | ▪ JavaFX   | ▪ Autodesk Inventor |
| ▪ JavaScript | ▪ IntelliJ      | ▪ Git      | ▪ Adobe InDesign    |
| ▪ Python     | ▪ PyCharm       | ▪ Multisim | ▪ Adobe Photoshop   |

## LEADERSHIP & CO-CURRICULAR EXPERIENCE

---

**Editor-in-Chief** | Harmony Yearbook | School: 10-30 hrs/wk | Summer: 40-80 hrs/wk | Aug. 20XX - July 20XX

- Planned and led meetings, lessons, and labs for staff of 8-30.
- Led creative development for design, theme, marketing, writing, and photography.
- Won 45+ state and national awards for quality of work and leadership.

**JV & Varsity Math Team Competitor** | Country Star High School | Nov. 20XX - Feb. 20XX | 2-10 hrs/wk

- Advanced to 4 consecutive State competitions in individual, pair, and team events.

**Seminar for Top Engineering Prospects** | Purdue University | Week-long residential event | Aug. 20XX

- Built and coded several autonomous robots using Arduino.

**Illinois Leadership Seminar** | Sole school district nominee | 3-day residential event | June 20XX

**Female STEM Student Mentor** | Girls in Engineering, Math, and Science | April 20XX & 20XX

- Served as a role model for middle school girls during workshops alongside women from STEM industries.
- Helped coordinate and organize the day-long event.

## WORK HISTORY

---

**Coding Instructor** | Code Ninjas | School: 10 hrs/wk | Summer: 10-25 hrs/wk | July 20XX - Aug. 20XX

- Taught problem solving and block-based or typed JavaScript game development to children ages 4-14.
- Designed & coded 40+ children's games in JavaScript, including racing, platformer, & restaurant games.
- Organized and led summer camps, promotional events, tours for prospective customers, and newsletter.