Jane Smith

smithj@msoe.edu | 123-456-7890 | linkedin.com/in/jane-smith

SUMMARY

Freshman B.S Computer Engineering at MSOE with hands-on engineering project experience, devoting 17+ hours a week to part-time job along with 8+ hours a week to co-curricular involvement with full academic schedule. Skills in VHDL, Java, C#, KiCAD and project management with GitHub Projects and Agile.

EDUCATION

B.S. Computer Engineering | Milwaukee School of Engineering | GPA: 4.00 | Expected May 20XX
H.S. Diploma | Geneva Community High School | Geneva, IL | GPA: 3.95/4.26 | May 20XX

PROJECT EXPERIENCE

Embedded Systems Project: Design and breadboard Functioning Circuits for State competition in Electronics Technology (SkillsUSA, High School, March 20XX)

- Brainstormed diagrams for fully electronic Egg Timer, Random Number Generator, and RF transmitter.
- Ordered capacitors, 555 ICs, and 4026 Decade Counters from Digikey for both projects.
- Wired 555 ICs in both monostable and astable configurations, connected monostable to buzzer device for Egg Timer, and astable to 4026 Decade Counter for Random Number Generator.
- Designed final circuit diagrams on Autodesk Eagle with annotations and footprints.
- Presented on Functionality and Design of Circuits to Skills USA commission.

Result: Won 1st in state for Electronics Technology.

(Independent) Software Project: Recreate classic arcade game for Halloween Art Contest.
(Art and Design Club, MSOE, October 20XX)

- Researched classic arcade games to design function of ball bouncing off moving paddle and destroying rows of blocks in order to score points, as well as a menu navigation system.
- Composed Game Design Document using LaTeX and Overleaf for software and art development pipeline.
- Produced art assets for both arcade GUI and in-game spinning-skull animations using GIMP 2.0.
- Organized creation and assembly of software assets using GitHub repository and Kanban board.

Result: Came in 2nd out of 12 teams.

TECHNICAL SKILLS

- Certified Associate Python
- KiCAD
- GitHub
- C#
- Vim
- Jupyter Notebooks
- Java
- VHDL

LEADERSHIP | CO-CURRICULAR INVOLVEMENT | COMMUNITY SERVICE

Embedded Hardware Team Lead | MSOE Raider Robotics VexU Team | Oct. 20XX - Present | 8 hrs/wk
Activities Coordinator (Executive Board) | MSOE IEEE Student Chapter | Oct. 20XX - Present | 4 hrs/wk
Freshman Senator | Student Government | October 20XX - Present | 1 hr/wk
Freshman Rep | MSOE Computer Engineering Industry Advisory Committee | Sep. 20XX - Present
Project Team Member | MSOE Artificial Intelligence | October 20XX - Present | 4 hrs/wk
Game Dev Club Member | MSOE Society of Software Engineers | October 20XX - Present | 1 hr/wk
Volunteer Trail Maintainer | Blue Lotus Farm and Retreat | October 20XX
Team Captain | High School Speech Team | October 20XX – March 20XX | 10 hrs/wk

WORK HISTORY

Intramural Assistant | MSOE Badminton | November 20XX - Present | 3 hrs/wk
Level I Technician | MSOE Information Technology | September 20XX - Present | 15 hrs/wk
Tower Assistant | MSOE Grohmann Towers | December 20XX - January 20XX | 50 hrs/wk
Library Assistant II | Geneva Public Library Department | Sept. 20XX - Sept. 20XX | 12-15 hrs/wk