

Emily Amspoker

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EDUCATION

Carnegie Mellon University, Pittsburgh PA

Bachelor of Science in Computer Science, GPA: 3.79/4.00

May 2025

Selected Coursework: Principles of Imperative Computing, Mathematical Foundations for Computer Science, Introduction to Human-Computer Interaction

Kent Denver School, Englewood CO

GPA 4.45/4.00

June 2021

Selected Coursework: AP Computer Science A, Advanced Topics: Data Structures, AP 3D Studio Art: 3D Design

SKILLS

Languages: Java, Python, Javascript, C, C#, HTML, CSS, LaTeX

Applications: Unreal Engine, Git, Unix, Vim, Final Cut X, Adobe Premiere Pro, Adobe After Effects, Adobe Illustrator, Autodesk Maya

PROJECTS

GameBytes: Tempo - CMU Game Creation Society (2021)

- Worked as part of a team within CMU's Game Creation Society.
- Created the UI and menus for an arcade-style rhythm game using Unity and C#.

MLPrep - Major League Hacking Fellowship, Independent Project (2020-2021)

- Developed a mobile app which allows users to find recipes based on a picture of ingredients.
- Created backend using python and part of frontend using Flutter.
- Updated project independently by creating a web-based version of app using Tensorflow.js, HTML, and CSS.

Tooney Tunes - Major League Hacking Fellowship (2020)

- Designed a platformer game which generates obstacles for user based on beats of a song.
- Programmed game using Phaser.js and designed menus along with buttons using Adobe Illustrator.

Spacing Out! - To the Moon and Hack Hackathon (2020)

- Developed a website during pandemic which uses Google Maps to encourage users to wear masks while grocery shopping and to spend less time in crowded places.
- Implemented location-based/tracking aspect of Spacing Out game using Google Maps API.

ACTIVITIES

Major League Hacking Explorer Fellowship (Fall 2020)

- Participated in a 12-week remote coding fellowship for software developers.
- Collaborated with other fellows remotely in teams of three to create 5 different coding projects.
- Themes of projects included game design, machine learning, social good, and education.

AWARDS

- National Merit Scholar
- Colorado School of Mines High School Programming Competition 2020 3rd place
- Kent Denver School Award for Excellence in Technology and Design
- Hilary H. Carlson Prize for Scholarship
- Bithacks Best High School Hack 2020