

Kristen Anderson

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EDUCATION

University of Wisconsin, Madison

Bachelor of Science, December 2025

Major: Computer Science | Certificate: Digital Cinema Production

GPA and Dean's List: 3.838/4.000; Fall 2022, Spring 2023, Fall 2023, Spring 2024

RELEVANT COURSES

Computer Science 400, Group Programming Projects, Sep 2023 - Dec 2023

- Continued to practice programming in Java, with introductions to GitHub and Version Control, HTML, CSS, and Javascript.
- Practiced coding both frontend and backend material with larger groups, fostering more collaboration with many different people.

Computer Science 407, Introduction to Mobile Systems, Sep 2024 - Dec 2024

- Received an introduction to Kotlin, as well as practice creating functional apps through the Android Studio emulator and GitHub.
- Practiced the aspects of Kotlin most utilized in modern apps, including advanced GUI, non-UI threads, persistent storage, APIs, notifications, and sensors.

Computer Science 559, Computer Graphics, Jan 2025 - Present

- Gained more experience using HTML, CSS, and JavaScript to create both 2D and 3D images and animations, submitting such projects through GitHub.
- Learned how to perform 2D transformations and create 2D polygons and curves, and used THREE.js to create 3D objects with environment maps, textures, and materials.

Computer Science 564, Database Management Systems, Jan 2025 - Present

- Utilized both C++ and Python to understand and practice entity-relationship models, functional dependencies, decompositions, data storage, and file organization, and used SQLite and relational algebra to obtain information from tables of data.
- Completed bi-weekly, individual and group projects that tested and confirmed my knowledge of the key topics discussed in this course, as listed above.

PROJECTS

Pixelated : Worked within a group on a semester-long project; together, we designed and created our own application called Pixelated, in which users can both play retro-style arcade games and find arcades closest to them. Created with Kotlin and XML, and uses SQL to retrieve users' data, shared preferences to store users' login information, and Google's Maps SDK to direct users to nearby arcades.

INVOLVEMENT

- Ethics, Urgency, and Climate Journalism: Panel 2, Attendee
- Center for Leadership and Involvement: Front Desk Staff member, Sep 2023-Present
- First Generation College Student Panel: Attendee

SKILLS

Software and Technology: Java, C, HTML, CSS, JavaScript, Python, Kotlin, XML, SQL, C++, THREE.js

Digital Cinema Production: Adobe Premiere Pro, Adobe Media Encoder, Shot Designer, Celtx, Frame.io