

KALEN WALLIN

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Software developer with a history of computer science, web and game development, and graphic design.

EDUCATION

University of Nebraska-Lincoln, Lincoln, NE, Aug 2019-Aug 2023, GPA: 3.96/4.00

- Graduated with Honors and Highest Distinction in Computer Science B.A.S with a minor in Mathematics.

Reykjavik University, Reykjavik, Iceland, Jan-Apr 2022, GPA: 4.0/4.0

- Study abroad in Web Programming and Game Engineering Architecture

Chase County High School, Imperial, NE, 2015-2019, GPA: 4.0/4.0, Valedictorian of Class 2019

WORK EXPERIENCE

Wallin Farms, Imperial, NE, **Part-Time Python Programmer**, August 2023

- Created a Python-based solution that utilizes Optical Character Recognition (OCR) technology to transform scanned corn ticket documents into organized Excel reports.

Mystic Rhoads Productions, Lincoln, NE, **Part-time Intern**, June 2023

- Created social media posts, updated WordPress website, designed graphics, and research NPO grants.

FarmAfield, Lincoln, NE, **Full-time Django Programmer**, May-Dec 2021, May-Aug 2022

- Maintained the farmafield.com Django web app with an Agile team of 5 developers for 40hrs/week.
- Notable features include Dark Mode, Email Preferences, [REP Landing page](#), and Notifications.
- Reduced CircleCI tests time by 50% by introducing Parallel testing.

University of Nebraska-Lincoln, **Software Engineering Teaching Assistant** (CSCE 361), Aug-Dec 2021

- Hosted weekly office hours and graded assignments.

Imperial Pool, Imperial, NE, **Lifeguard**, Summers 2017-2019

- Managed financial transactions, supervised swimming, and taught swimming lessons.

NOTABLE PROJECTS

baldorf, Lincoln, NE, **Part-Time Unity Game Developer**, Aug 2022-May 2023

- Updated a Unity mobile game for a nonprofit organization using Agile methodologies with a team of 6 students.
- Met weekly with Mystic Rhoads Productions' CEO to discuss requirements and accomplishments.
- Released Android, iOS, and WebGL builds to the sponsor monthly.
- Won the Rockstar award for placing in the top 15% of students.
- Our team placed in the top 8 out of 24 teams.

Distinction and Honors Thesis, Lincoln, NE, **Part-Time Researcher**, Aug 2022-May 2023

- Designed a competitive multiplayer game mode for baldorf based on research of competitive mobile games.

Portfolio, **Part-Time Web Developer**, Dec 2021-Present

- Designed and developed a portfolio website to show off experience. Built with Blazor then Astro and Next.js.
- Designed and developed a 2nd portfolio using Django (v2.kalenwallin.com).

A full list of projects can be found on [my website](#).

SKILLS

High Proficiency: Adobe Express, Astro, CSS, Django, GitHub, HTML, JavaScript, Microsoft Teams, Notion, Python, Visual Studio/Code

Medium Proficiency: Blazor, C#, CircleCI, Figma, GDScript, Godot, PythonAnywhere, Unity, Vercel

Low Proficiency: .NET Core, Amazon Web Services, ANTLR, C, C++, Dart, Eclipse, ExpressJS, Flutter, Google Cloud, Haskell, Java, MySQL Workbench, Netlify, Next.js, NodeJS, Prolog, SQL, TypeScript, XAML

ACTIVITIES

University of Nebraska-Lincoln Game Development Club, 2021

- Developed the indie game, [Minieval](#), using the Godot game engine with a team of six students.

Future Business Leaders of America, 2015-2019,

- President, Cyber Security National Qualifier

Chase County High School Sports, 2015-2019: *Cross Country*, State Qualifier; *Track and Field*, State Qualifier; *Basketball*, Academic All-State x3