# 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.
. Made another portfolio using Django based on Netflix's web app design. View it here: 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**