

## KALEN WALLIN

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

### WORK EXPERIENCE

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**FarmAfield**, Lincoln, NE, Web Development Intern, May-Dec 2021, May-Aug 2022

- Maintained a Django web app with an Agile team of 5 developers for 40hrs/week.
- *See [v3.kalenwallin.com/farmafield](http://v3.kalenwallin.com/farmafield) for in-depth information on my contributions to their website.*

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

- Hosted weekly office hours and graded assignments with a professor and 3 TAs.

**Wallin Farms**, Imperial, NE, Farmhand & Accountant, during school breaks 2014-2021

- Registered corn tickets and invoices into Excel spreadsheets for profit/cost analysis.
- Maintained center-pivot irrigation for corn fields by changing tires, gearboxes, and center drives.
- Strip-tilled and fertilized corn fields using a tractor and moved seedboxes using a forklift.

**Initialize**, Lincoln, NE, Curriculum Developer, Jan-May 2020

- Collaborated with three students to develop computer science workshops for rural students.

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

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

### EDUCATION

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**University of Nebraska-Lincoln**, Lincoln, NE, Aug 2019-Aug 2023

- Bachelor of Arts and Sciences, Computer Science with a minor in Mathematics, GPA: 3.957/4.000
- Honors Program, Chancellor's Leadership Award, Nebraska Achievement Scholar

**Reykjavik University**, Reykjavik, Iceland, 6 Credits, Jan-Apr 2022

- Study abroad in Web Programming and Game Engineering Architecture

**Chase County High School**, Imperial, NE, 2015-2019, Valedictorian of Class 2019, National Honors Society

### NOTABLE PROJECTS

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**baldorf**, Lincoln, NE, 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.

**Honors Senior Thesis & Capstone Project**, Lincoln, NE, Researcher, Aug 2022-May 2023

- Designed a competitive multiplayer game mode for baldorf based on research of competitive mobile games.
- Detailed the process in a research thesis which was then defended.

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

- Designed and developed a portfolio website to show off websites, video games, work experience, and more.
- Built using the Blazor framework. Rewritten in 2023 using Astro and Next.js.
- Designed and developed a 2<sup>nd</sup> portfolio using Django ([v2.kalenwallin.com](http://v2.kalenwallin.com)).

*A full list of projects and community service can be found on [my website](http://mywebsite).*

### SKILLS

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

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

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

### ACTIVITIES

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**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