

## KALEN WALLIN

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### EDUCATION

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#### University of Nebraska-Lincoln, Lincoln, NE

- . Bachelor of Arts and Sciences, Honors Program, Aug 2023 (anticipated)
- . Computer Science with minor in Mathematics, GPA: 3.961/4.000
- . Scholarships: Chancellor's Leadership Award, Nebraska Achievement Scholar
- . Dean's list every semester

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

- . Courses: Web Programming and Game Engineering Architecture

#### Mid-Plains Community College, Imperial, NE, 7 Credits, 2018-2019

#### Chase County High School, Imperial, NE, 2015-2019, Valedictorian of Class 2019

### SKILLS

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**Favorites:** VS Code, Figma, Adobe Express, GitHub, Microsoft Teams, Django, HTML & CSS, JavaScript, Python

**Others:**

- . **Tools:** Adobe Creative Suite, Microsoft Office Suite, Visual Studio, Eclipse, MySQL Workbench, Razor Pages, ASP.NET Core, Blazor, Amazon Web Services, Godot, PythonAnywhere, Unity, NodeJS, Vercel
- . **Frameworks & Libraries:** Flutter, .NET, ExpressJS
- . **Coding Languages:** ANTLR, C, C++, C#, Dart, GDScript, Haskell, Java, Prolog, SQL, XAML

### WORK EXPERIENCE

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

- . Maintained a Django web app by working with an Agile team using Python, HTML, CSS, JS

#### 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, 2014-2017, Mar-Aug 2020, Nov 2020-Jan 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 seed boxes using a forklift.

#### Initialize, Lincoln, NE, 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.

### PROJECTS

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#### Mystic Rhoads Productions' baldorf mobile game, Lincoln, NE, Game Developer, Aug 2022-May 2023

- . Led an Agile team of students to develop a multiplayer mode in a Unity mobile game.
- . Met weekly with MRP's Founder to discuss requirements and accomplishments.
- . Released Android, iOS, and WebGL builds to the sponsor monthly.

#### 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 that will be posted here when published.

*More Projects and Community Service can be found on [my website](#).*

### ACTIVITIES/AWARDS

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#### University of Nebraska-Lincoln Game Development Club, 2021

- . Developed an indie game using the Godot game engine.
- . Worked with a team of six students.

#### Academic All-State, 2016-2018

#### Future Business Leaders of America, 2015-2019, President, 2018-2019, Cyber Security National Qualifier, 2018

#### Fellowship of Christian Athletes, 2015-2019

#### National Honors Society, 2019

#### Sports: *Cross Country*, 2015-2018, State Qualifier, 2018; *Track and Field*, 2016-2019, State Qualifier, 2019;

#### *Basketball*, 2015-2018, Conference Champions, 2018