

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

**Intermediate:** Adobe Creative Suite, Microsoft Office Suite, Visual Studio, Blazor, Godot, PythonAnywhere, Unity, NodeJS, Vercel, .NET, ExpressJS, C, C#, GDScript, Java

**Beginner:** Eclipse, MySQL Workbench, Razor Pages, ASP.NET Core, Amazon Web Services, Flutter, ANTLR, C++, Dart, Haskell, 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