

KALEN WALLIN

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EDUCATION

University of Nebraska-Lincoln, Lincoln, NE, 20, Aug 2019-Aug 2023

- Bachelor of Arts and Sciences, Computer Science with minor in Mathematics, GPA: 3.961/4.000
- Honors Program, Chancellor's Leadership Award, Nebraska Achievement Scholar

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

Past Year: Adobe Express, Amazon Web Services, Astro, Blazor, C#, Django, Figma, GitHub, HTML & CSS, JavaScript, Microsoft Teams/Office, Netlify, NodeJS, Notion, Python, Unity, Vercel, Visual Studio, VS Code

1-2 Years Ago: C, C++, CircleCI, ExpressJS, GDScript, Godot, PythonAnywhere

3+ Years Ago: ANTLR, ASP.NET Core, Dart, Eclipse, Flutter, Haskell, Java, MySQL Workbench, Prolog, SQL, XAML

WORK EXPERIENCE

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, 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 seed boxes 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.

PROJECTS

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

University of Nebraska-Lincoln Game Development Club, 2021

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

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

Academic All-State, 2016-2018