KALEN WALLIN

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EDUCATION

University of Nebraska-Lincoln, Lincoln, NE, Aug 2019-Aug 2023
.   Bachelor of Arts and Sciences, Computer Science with a 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
.   Study abroad in Web Programming and Game Engineering Architecture
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 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.

NOTABLE PROJECTS

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 received an honorable mention for top 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.
A full list of projects and community service can be found on my website.

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, 2018-2019
.   Cyber Security National Qualifier, 2018
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
Fellowship of Christian Athletes, 2015-2019
Academic All-State, 2016-2018