Kalen Wallin

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I've completed a wide range of projects from software to websites to video games to graphic design. Take a chance on me and I'll show you I can be an effective employee for your team and create value for your company.

WORK EXPERIENCE

Software Developer | Sandhills Global | Full-Time | Imperial, NE   Oct 2023 – Present
- Implemented features for and maintained website frontends and backends, web APIs, Windows services, and web services using VB.NET, C#, HTML, CSS, and JavaScript in an Agile environment.
- Implemented a push notification API for our mobile apps that is used by 13k+ users.

Software Engineer | Wallin Farms | Freelance | Imperial, NE   Aug 2023 – Present
- Developing Scale Snap—A python program to turn scale tickets into Excel reports in a snap; significantly reducing manual data entry time for employees from several weeks to a few hours.
- Developing Crop Cache—A system to manage crop inventory across counties. Syncs with ScaleSnap.
- Developing wallinfarms.us to streamline the use of Scale Snap and Crop Cache for non-technical employees.

Graphic Designer | Mystic Rhoads Productions | Freelance | Lincoln, NE   Jun 2023 – Apr 2024
- Designed custom Pigout Bucket playing cards which are used in Lincoln Public Schools after school clubs.
- Also designed Dirt Nap Dip recipe cards which are given out at various Farmers' Markets around Lincoln.

Django Web Developer | FarmAfield | Full-Time | Lincoln, NE   May 2021 – Aug 2022
- Maintained farmafield.com resolving 73 Jira issues.
- Added preferences for theme, email, cookies, and notifications improving the user experience.
- Reduced CircleCI testing times by 50% with parallelism improving the developer experience.

NOTABLE PROJECTS

baldorf Video Game | Senior Design Class Project | Lincoln, NE   Aug 2022 – May 2023
- Developed a Unity mobile game for Mystic Rhoads Productions that is on the Apple and Android app stores and is played by students in afterschool clubs.
- Received individual Rockstar award for placing in the top 15% of students and our team received an honorable mention for best team.

Game Design: Competitive Mobile Games | Distinction and Honors Thesis | Lincoln, NE   Aug 2022 – May 2023
- Designed a competitive multiplayer game mode for baldorf based on competitive mobile games research providing Mystic Rhoads Productions with a clearly defined vision for moving forward with their mobile game.
- Wrote a 50-page paper on the subject and defended it in a 35-minute presentation.

Custom Website Portfolios | Lincoln, NE   Dec 2021 – Present
- Designed and developed four portfolio websites to learn web development and show-off experiences.

EDUCATION

University of Nebraska-Lincoln | Lincoln, NE | GPA: 3.96/4.00   Aug 2019 – Aug 2023
- Graduated with Honors and Highest Distinction in Computer Science with a minor in Mathematics.
- Developed Minieval with a team of six students in the Game Development club.

Reykjavik University | Reykjavik, Iceland | GPA: 4.0/4.0   Jan 2022 – Apr 2022
- Studied Web Programming and Game Engineering Architecture abroad.

Chase County High School | Imperial, NE | GPA: 4.0/4.0   Aug 2015 – May 2019
- Valedictorian of the 2019 Class
- President of Future Business Leaders of America and national qualifier in Cyber Security
- State qualifier in Cross Country and Track and Field

TECHNICAL SKILLS

Proficient: C# | .NET | Python | Django | JavaScript | HTML | CSS
Intermediate: React | Next.js | TypeScript | SQL | TailwindCSS
Beginner: C | C++ | Unity | Java | NodeJS | Astro | Blazor