John Erwin
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Education
University of Nebraska-Lincoln; Bachelor of Science (May 2022) Major:
Computer Science; Minors: Mathematics and Business GPA: 3.919/4.00
University of Nebraska-Lincoln Dean's list, Fall 2017 - Present

Technical Skills
Languages: C#, ORACLE SQL, MySQL, XAML (WPF), Javascript, Python, C++, Java,, HTML5, CSS
Frameworks: Microsoft .NET, VueJS, Amazon Web Services
Devtools: Github, Azure DevOps, Microsoft Visual Studio, VSCode

Relevant Experience
Senior Design Project: Cattle Analytics for Gudmundsen Sandhills Labs Fall 2021-Spring 2022
University of Nebraska-Lincoln
- Utilized Amazon Web Services; Amplify, Lambda, RDS, Cognito, along with VueJS to design and begin building database manager and analytics web application for cattle research
- Led requirements elicitation interviews with sponsors to determine needs and priorities for the application
- Contributed to design of flexible relational database model to fit the sponsor's need for storage of custom fields in research projects
- Organized team trip to sponsor's research facility in western NE in order to fully understand sponsor's needs and to build upon relationships within the development team and with the sponsors

Software Development Intern, Summer 2021, Spring 2022
Penlink   Lincoln, NE
- Collaborated with agile team of 8 developers on analysis area of Penlink's main product, PLX
- Gained familiarity with software development methodologies: Agile, Scrum, Source Control, Continuous Integration/Deployment (Azure DevOps)
- Implemented full-stack functionality to add bookmarks to user cases using C#, XAML, and Oracle SQL
- Maintained software by tracking down issues logged by QA and making appropriate code changes
- Learned the importance of software architecture especially while maintaining legacy systems

Software Engineer, May 2022 - Present
Penlink   Lincoln, NE
- Collaborate with project management to clarify requirements and timelines for new features and bug fixes
- Develop new features, modify existing features, and hunt down bugs for a C# .NET WPF desktop application utilizing C#, XAML, and Oracle SQL
- Conduct time-sensitive hotfixes for customers, ensuring their investigations aren't hindered by technical issues
- Recently implemented new transaction analysis area for the application
- Conduct code review and provide feedback on coworkers' pull requests to ensure high quality code standards

Additional Experience **Server**,
March 2020-April 2021 Misty's
Steakhouse   Lincoln, NE
- Maintained high standards of customer service during high-volume, fast-paced operations
- Communicated clearly with customers, coworkers, and management

Recruitment Chairman, November 2018-September 2019
Phi Delta Theta Fraternity   Lincoln, NE
- Organized and hosted recruitment events up to 100 people twice weekly to promote the fraternity and meet potential new members
- Meet individually with potential new members to foster relationships and generate interest in the fraternity