Hundter Biede

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EDUCATION

MS Computer Science   Lincoln, NE | Graduating May 2023
University of Nebraska-Lincoln

Masters of Engineering Management | Business Administration Minor Lincoln, NE | Graduating May 2023
University of Nebraska-Lincoln

BSc. Computer Science | Mathematics Minor   Lincoln, NE | May 2021
University of Nebraska-Lincoln

WORK EXPERIENCE

DMSI | Software Engineer   Omaha, NE | May 2020 – Present

- Implemented two released modules in React Native to allow warehouse workers to quickly handle shipments.
- Performed code reviews for coworkers, proposing potential algorithmic alternatives to improve app performance.
- Facilitated TypeScript implementation and conversion for five packages and a mobile app.
- Conducted workshops on TypeScript and Coding for Accessibility to 50+ coworkers during an internal conference.
- Interacted with 10+ team members during Agile meetings to inform product decision with respect to technical restrictions and requirements as well as user experience flows.
- Designed and implemented complex components for the shared design system to provide a consistent feel across the suite of apps during advanced user interactions.

UNIVERSITY OF NEBRASKA-LINCOLN | Senior Leader   Lincoln, NE | May 2020 - May 2021

- Served on a committee that oversaw over 60 teaching assistants (TAs) for four introductory computer science courses, ensuring quality resources were available to all students.
- Created technical interview materials in Java and Matlab and provided feedback on materials written by coworkers in C and Python.
- Interviewed potential TAs and reviewed candidates as a member of the hiring subcommittee.
- Taught workshops on debugging and pedagogy, impacting the teaching strategies used with hundreds of students.

FBLA | Test Writer   Ralston, VA | Aug 2019 - Present

- Authored 10 objective tests for use at state and national competitions with thousands of participants.
- Outlined task guidelines for 3 test events, giving guidance to future test writers and ensuring consistency in yearly performances.
- Served as an event judge for 8 performance events for both high school and college events.

PROJECTS

WHAT'S NEXT   Swift, SwiftUI, Accessibility, iOS

- Gives users the ability to track movie, book, and TV show recommendations from friends and easily get a random recommendation for the next piece of media to enjoy.

VOTER TOKEN GENERATOR AND PARSER   Ruby, LaTeX, RegEx, Scripting

- Coded to create voter authentication tokens to permit a high school organization to conduct yearly officer elections via an online form while providing election security.
- Reduced turnaround time by over 75% when compared to the previous paper and pencil method.
- Facilitated over 800 votes for 2 annual state elections, with 0 reports of illegitimate votes.

SKILLS

Languages: JavaScript/TypeScript, Swift, Java, Python, Ruby, Golang
Web Development: React Native, HTML/CSS, REST APIs, Netlify, Google Cloud Run
Technology: GraphQL, Bash, Git, Docker, LaTeX, CI/CD