Hundter Biede

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EDUCATION

MS Computer Science   Lincoln, NE | Graduating May 2023
UNIVERSITY OF NEBRASKA-LINCOLN
Masters of Engineering Management | BUSINESS 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

- Deployed two released modules in **React Native** to allow warehouse workers to quickly handle shipments.
- Administered thousands of code reviews, proposing algorithmic alternatives to improve app performance.
- Spearheaded **TypeScript** implementation and conversion for multiple packages and mobile apps.
- Conducted workshops on **TypeScript** and **Testing for Accessibility** to 50+ coworkers during an internal conference.
- Interacted with 10+ team members during **Agile** meetings to inform product decisions about technical requirements, restrictions, and user experience flows.
- Architected complex components for the shared design system to provide a consistent feel during advanced user interactions across the suite of four mobile apps.

UNIVERSITY OF NEBRASKA-LINCOLN | SENIOR LEADER   Lincoln, NE | May 2020 - May 2021

- Managed over 60 teaching assistants (TAs) for four introductory computer science courses, ensuring quality resources were available to all students.
- Created three technical interview prompts in **Java** and **Matlab** and provided feedback on materials written by coworkers in **C** and **Python**.
- Presented workshops on **debugging** and **pedagogy**, impacting teaching strategies for hundreds of students.
- Drafted four accepted amendments to official policies for the teaching assistant program.

FBLA | TEST WRITER   Ralston, VA | Aug 2019 - Present

- Authored 10 objective tests for use at state and national competitions with thousands of participants.
- Overhauled 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

OPEN SOURCE CONTRIBUTIONS   GIT, JAVASCRIPT, REACT NATIVE, PHP

- Standardized the School of Computing's grading system, a platform used by hundreds of students annually, to utilize the school's authentication system.
- Debugged and corrected untyped exports for an Expo module with tens of thousands of weekly downloads.

VOTER TOKEN GENERATOR AND PARSER   RUBY, LATEX, REGEX, SCRIPTING

- Creates voter authentication tokens to permit a high school organization to conduct yearly officer elections via an online form while providing for election security. Used annually since 2020.
- Reduced turnaround time by over 75% when compared to the previous paper and pencil method.
- Facilitated over 1100 votes for 3 annual 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, RegEx, Bash, Git, Docker, LaTeX, CI/CD, Machine Learning