Logan McDonald

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PROFESSIONAL SUMMARY

Software Engineering student at the University of Nebraska-Lincoln with a passion for full-stack development and solving complex problems through collaboration. Driven by a desire to create impactful solutions, I thrive in team environments where I can contribute to meaningful projects, continuously learn, and grow as a developer.

WORK EXPERIENCE

Hightower Advisors, Chicago, IL   May 2024 — Present
Product Owner (Intern)

- Working closely with developers and marketing teams to draft comprehensive user stories in Jira, ensuring developers clearly understand technical requirements and reduce the likelihood of production errors.
- Leading and actively participate in sprint refinement, planning, and retrospective meetings to optimize team workflows, while translating marketing department requests into actionable technical tasks for developers.
- Working alongside other product owners to develop solutions for various company challenges, including enhancing client acquisition strategies and translating marketing requests into actionable development tasks.

Application Developer (Intern)

- Developed and refined system documentation by updating and creating ER diagrams, improving clarity and organization for cross-functional teams.
- Built and implemented web development features, including a social media sharing widget for our company blog posts using Node.js, enhancing user engagement and content distribution.
- Researched third-party integrations, including Instagram embed widgets and PDF reading tools, and evaluated software solutions like HubSpot to support company decision making.
- Collaborated on a Capstone project with co-workers exploring AI integration (Coveo) within Hightower's enterprise system, researching implementation strategies and cost analysis for AI-powered solutions.

PROJECTS

Back-end Developer, Aulick Industries (github.com/cseseniordesign/Electronic-Parts-Catalog)   August 2023 — May 2024

- In a team of 10, split into front-end and back-end teams, building an Electronic Parts Catalogue for Aulick Industries using MERN stack development.
- As a Back-end Developer, I worked with MongoDB, Express, and Javascript.

Developer, Pitivi (pitivi.org)   February 2023 — May 2023

- In a team of 4, added new clip alignment and clip aspect ratio adjustment features to Pitivi's open source code base using Python and proper testing techniques.
- Worked on the front-end code developing GUI features.

EDUCATION

Bachelors, Software Engineering, Math Minor, University of Nebraska-Lincoln   **Graduation:** May 2025

- GPA (3.6 / 4.0)
- Dean's List: Fall '21, Spring '22, Fall '22, Fall '23, Fall '24
- **Relevant Coursework**: Neural Networks, Data Structures and Algorithms, Agile and Visual Communication, Senior Design, and Data Modeling

SKILLS

Programming Languages	Python, Java, C, CSS, JavaScript, Typescript, Go, Prolog, Haskell, HTML
Frameworks/Databases	Django, Express, HTMX, React, Node, Flask, MongoDB, MySQL, PostgreSQL