NICK MENOUGH

nickmenough@gmail.com • 515.988.1509 • nickmenough.pythonanywhere.com

SUMMARY

Human-Computer Interaction (HCI) graduate and Software Engineer with a strong background in full-stack development and user-centered research. Experienced in real-world UX/UI projects and advanced coursework in prototyping and usability. Proficient in Figma, contextual inquiry, and usability testing, with 18 months of applied UX research and design in a research and development environment. Passionate about crafting intuitive, accessible digital experiences that align technical solutions with real user needs.

Key Skills:

- **Human-Centered Design:** Contextual inquiry, storyboarding, persona development, wireframing, use cases, usability testing
- **Programming:** C# .NET Core, Python, JavaScript, React, HTML/CSS, Bootstrap
- **UX/UI Tools:** Figma, Adobe Suite, Quartics, Sketched, Micro
- **Database & Data Management:** SQL Server, MySQL, DB2, Oracle 12C
- **Testing & QA:** XUnit, JUnit, usability test plans,
- **Soft Skills:** Technical writing, design documentation, cross-functional communication, stakeholder interviews, agile collaboration
- **Certifications:** Microsoft Certified Azure Fundamentals, Certified ScrumMaster
- **Development Practices**: Agile methodologies, Git, CI/CD pipelines, secure coding

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Education:

Iowa State University   Ames, IA
MS of Science, Human Computer Interaction   May 2025
 (3.91 GPA)

Upper Iowa University   Fayette, IA
Bachelor of Science, Software Engineering   May 2021
magna cum laude (3.81 GPA)

Des Moines Area Community College   Des Moines, IA
Associate of Science, Information Computer Systems   May 2021

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WORK EXPERIENCE

Cyberscend
Lorton, VA(Remote)

Software Engineer / UX Designer
April 2023– Current

- Led UX research and development for an enterprise Asset Management application, from early concept through full deployment.
- Conducted user research and contextual inquiry, then created medium-fidelity prototypes in Figma and iterated based on usability testing.
- Developed full-stack production systems using .NET Core, Python, JavaScript, and Azure App Services, with Kendo UI for modern front-end components.
- Implemented secure APIs, CI/CD pipelines, and user-centered design principles for multiple internal tools used in high-security environments.
- Balanced hands-on coding with UX-focused design iterations and stakeholder collaboration during agile sprints.

Heartland Co-op
West Des Moines, IA

Software Developer
January 2022–April 2023

- Designed and developed a real-time grain monitoring dashboard used to track over 1,500 grain bins across multiple locations.
- Conducted UX research and testing, refining the app's usability based on feedback from farmers and internal stakeholders.
- Created RESTful APIs and coordinated mobile-first design strategies, ensuring usability in field environments
- Key tools: Flask, React, DB2, Git, Jenkins, VS Code, MySQL

Prodigy Web development
2018 – 2024

Web Developer Freelancer
Grimes, IA

- Designed custom e-commerce and enterprise web applications using Python, Node.js, React, and Bootstrap.
- Managed front-end features with React, implementing reusable components and interactive UIs.
- Developed scalable back-end architectures and managed MySQL and MongoDB databases.

CMG Financial
2016–2018

Loan Officer

- Built CRM integrations and lead generators that increased sales by 10%.
- Conducted first-time buyer workshops and guided clients through the loan process, achieving a 15% increase in client satisfaction and referrals.

Elite Insurance   2011–2016

Independent Insurance Agent

- Assisted customers with technical support, receiving the President's Sales Award for outstanding service and sales.

US Cellular   2007-2011

Customer Service and Technical Support

- Assisted customers with technical support, receiving the President's Sales Award for outstanding service and sales.