

Alexander Fowle

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Skills

Design	User Research • Design Thinking • Agile • Information Architecture • Accessibility Design • Semantic Design • Usability Research • Wireframing • Prototyping • Responsive Design
Software	Adobe XD • Maze.io • Git • Miro • Azure DevOps • HTML/CSS/JavaScript • SharePoint
Other	Project Management • Team supervision • Business consulting • Industry research

Experience

CBRE|ESI – Brookfield, WI

03/22 – 10/22 **Senior UI/UX Engineer**

- Performed routine user interviews and administered and analyzed surveys to advise product enhancement prioritization and discover new opportunities
- Leveraged design tools such as Adobe XD and Maze.io to create high-fidelity mockups and prototypes for use in regular user testing and usability studies
- Collaborated closely with UI, Sales, and Product Management teams to design and implement innovative enhancements to the main Building Management System (BMS) offering
- Consulted UI team leadership to establish and enforce SOPs to maintain consistent quality
- Assisted in the development and maintenance of a company-wide Design System
- Provided leadership and mentoring to 5 UI Engineers
- Assisted with product development using a JavaScript/block-programming-based solution and managed all assets by implementing company-wide use of Git in Azure DevOps

09/20 – 03/22 **UI Engineer**

- Built templated Building Management System (BMS) dashboards and websites using the Niagara Framework and DGLux5 software
- Created a User Experience (UX) offering and team within the organization to assist sales and engineering in designing custom solutions and understanding users within an organization to drive user satisfaction and customer retention
- Provided additional assistance with internal information systems architecture, workflow automation, and occasional development tasks

Concurrency, Inc – Brookfield, WI

05/18 – 04/20 **Associate Systems Engineer**

- Consulted local and international businesses using Agile methodologies to help customers realize Digital Transformation in industries including manufacturing, industrial services, financial services, and commercial property management
- Delivered business value through SharePoint, Microsoft Teams, Azure Active Directory, Microsoft Power Platform, and other Microsoft 365 solutions
- Tailored solutions to business requirements by deploying custom-code solutions using SharePoint Framework, JavaScript, TypeScript, and some React.js
- Presented demonstrations of various solutions to ensure customer understanding and satisfaction

University of Wisconsin – Milwaukee, WI

09/17 – 05/18 **Endpoint Technician/Student Supervisor**

- Researched and implemented creative endpoint solutions for supported clients using tools such as on-prem AD, SCCM, Group Policy, Cherwell ticketing system, and Microsoft Office solutions
 - Supervised and mentored up to 10 Help Desk student staff
 - Provided leadership and training to student staff and implemented and managed hardware lifecycle process
 - Created and oversaw maintenance of an internal help desk student Knowledge Base
 - Assisted in Help Desk call center operations when needed
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Education

Iowa State University – Ames, IA

Master of Science (MS) – Human/Computer Interaction

- Online program
- Research area: trust in AI and automation
- CGPA: 4.0
- Coursework synopsis: design thinking, research design, models and theories in HCI, cognitive psychology of HCI

University of Wisconsin – Milwaukee, WI

Bachelor of Science (BS) – Information Science and Technology (IST)

- Summa Cum Laude graduate (3.84 CGPA)
- Coursework synopsis: UX Design, HTML/CSS/JS, MySQL and RDBS design, information architecture and science, content management, Scrum project management, systems design, network design, infosec, human factors

University of Wisconsin – Waukesha, WI

General education and electives

- CGPA: 3.9
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Certifications

In progress **Google UX Design Certification**

Earned 07/20 **devCodeCamp Certificate of Completion**

Never expires

- Independent 12-week full-stack development bootcamp
- Technologies and skills learned: C#, ASP.NET, MS SQL Server, JavaScript, Node.js, unit testing, SOLID principles/best practices, Git, Bootstrap UI, AJAX, jQuery
- Capstone projects included a fully functional Node and Express.js social media-inspired web application and a Microsoft Teams productivity chat bot based in TypeScript

Earned 11/19 **Microsoft 365 Certified: Teamwork Associate**

Never expires

- Comprised of MS-300: Deploying Microsoft 365 Teamwork exam and MS-301: Deploying SharePoint Server Hybrid exam (completed 07/2019)

Earned 02/19 **Exam MS 70-346: Managing Office 365 Identities and Requirements**

Never expires