ALYX OAKLEY

UX/UI DESIGNER

Baltimore, MD | avmoakley@gmail.com | My Portfolio | 410-627-4732

EDUCATION

Maryland Institute College of Art (MICA)

Master of Professional Studies - User Experience Design | GPA: 4.0

Relevant Coursework: *User-Centered Design, User Research, Interaction Design, Human-Computer Interaction, UX Strategy, Prototyping, Industry Immersive, Capstone Development*

Penn State University

Bachelor of Architectural Engineering | GPA: 3.72

Notable Achievement: *Millennium Scholar - Academic program for high-achieving STEM students.*

UX/UI PROJECTS

SOLIDARITY | *MICA UX Design Capstone | Mutual Aid & Volunteer Discovery App | Timeline: 15 weeks*

- Led end-to-end UX/UI design of a mobile experience connecting volunteers with local mutual aid organizations, optimizing volunteer discovery and reducing interaction cost by 20% compared to existing solutions.
- Conducted competitive analysis and 6 user interviews to uncover pain points and barriers to volunteer engagement, informing feature prioritization and opportunities for improved volunteer discovery, personalization, and scheduling.
- Developed user personas, journey maps, information architecture, task flows, wireframes, and high-fidelity Figma prototypes, translating research insights into intuitive, accessible mobile experiences.
- Conducted 2 rounds of user testing to validate design solutions, assess usability, and inform iterative improvements to onboarding, information hierarchy, navigation, and interaction patterns.

PROFESSIONAL EXPERIENCE

MECHANICAL DESIGN ENGINEER | BKMA - Baltimore, MD — Jan 2023 - Jan 2026

- Designed MEP solutions for large-scale infrastructure projects, increasing system efficiency and reducing energy costs by 30% on average.
- Implemented centralized design software, including BIM360, AutoCAD, and Revit, to integrate coordination workflows between multidisciplinary teams, reducing design clashes and streamlining handoffs.
- Conducted thorough coordination reviews to identify and resolve conflicts during early design phases, resulting in <1% change orders during construction — reducing budget overruns and design rework to maintain project timelines.
- Evaluated complex technical specifications, local municipal codes, and accessibility regulations to understand project goals and KPIs, and identified constraints to inform compliant design development.
- Cultivated client satisfaction and trust through high-caliber design deliverables, resulting in 81% of projects commissioned by repeat clients.

PROJECT ENGINEER | Balfour Beatty - Washington, D.C. — Jun 2021 - Jan 2023

- Coordinated project schedules, budgets, and construction activities for two 550,000 SF, 10-story office buildings, managing complex workflows, competing priorities, and tight deadlines to achieve LEED Gold certification.
- Identified and resolved design and constructability challenges by collaborating with cross-functional teams, including project managers, superintendents, subcontractors, manufacturers, and clients.
- Facilitated pre-task planning with subcontractors to establish clear execution strategies, communicate project requirements, and align deliverables with established objectives.
- Conducted quality assurance reviews, documented deficiencies, tracked outstanding issues, and coordinated corrective actions to ensure deliverables met project specifications.

SKILLS

Design & Prototyping: Figma, Adobe Photoshop, Adobe Illustrator

UX Methods: User -Centered Design, Heuristic Evaluation, User Personas, User Flows, Journey Mapping, Interaction Design, Product Strategy, Information Architecture, Lean UX, UX Writing, Accessibility, Design Thinking

Research & Analysis: User Interviews, Affinity Mapping, Usability Testing, Card Sorting, Dovetail, Maze

Collaboration: Miro, FigJam, Mural

Branding & Visual Design: UI Design, Color Theory, Style Guide/Design Systems, Visual Hierarchy, Gestalt Principles

Agile/Project Management: Trello, Jira, Asana, Microsoft Office Suite

Interpersonal: Empathy, Creative Problem Solving, Cross-Functional Collaboration, Detail-Oriented, Public Speaking, Adaptability, Patience, Conflict Resolution & De-escalation