Francesca Corbishley

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EDUCATION

Purdue University, West Lafayette Expected Graduation: May 2025

Bachelor of Science in **Software Development** — GPA 3.52/4.0

Honors: Semester Honors, Deans List, alpha Kappa Delta Phi President's List

Relevant Coursework: Prob Solving & O-O Prog, Prog in C, Web Prog & Data Integ., Software Engineering, Principles of Interactive Media, UXD Fundamentals, Foundations of Comp Sci, Adv Web Prog, Interactive Web Applications

PROJECTS

BeeLine Aug 2024 - Present
- Engineered a generative AI chatbot to streamline the onboarding experience for new employees
- Designed an intuitive and visually appealing front-end interface for accessibility and learning curve minimization.
- Conducted market research and implemented back-end AI processing capabilities to deliver seamless functionality.
- Performed usability testing through in-person observations and surveys, optimizing the chatbot's efficiency and UX

AMung Us Aug 2024 - Dec 2024
- Designed and developed an interactive game featuring an intuitive, aesthetically pleasing, and accessible user interface
- Leveraged GPS technology to accurately track player locations and implement location-based activity restrictions, enhancing gameplay relevance and immersion to promote in-person socialization and real-world fitness and activity
- Ensured multiplayer functionality by optimizing server-client communication through Express.js and MongoDB.
- Conducted rigorous testing to refine user experience and maintain seamless synchronization across devices.

Google Calendar . Spring 2025
- Developed a Google Calendar Website replica using the React Framework, JavaScript, and integrated libraries.
- Designed and implemented a structured development roadmap, deploying each sprint for testing and evaluation.
- Integrated real-time date functionality to ensure accurate month, week, and event displays.
- Refined the interface based on feedback, ensuring intuitive design and seamless functionality.

PROFESSIONAL EXPERIENCE

Atlas-OS — Quality Assurance Intern May 2022 – July 2022
- Documented and analyzed a minimum of 5 critical bugs per week, providing comprehensive reports with clear descriptions, reproduction steps, and proposed fixes, leading to a 30% improvement in functionality.
- Compiled and organized a comprehensive document detailing all website functionalities, presenting clear use cases, system objectives, and value propositions to enhance understanding for potential clients.
- Analyzed user feedback and system navigation patterns, compiling over 20 actionable UI/UX suggestions aimed at enhancing accessibility and visual appeal for users unfamiliar with cloud computing software.

alpha Kappa Delta Phi — Regional Programming & Communications Intern   August 2024 – January 2025
- Implemented a cross-functional Discord channel that increased regional communication efficiency by 50% and highlighted important information and deadlines for the region while keeping executive chats in a separate and secure channel
- Conceptualized and executed a virtual networking event connecting members from at least 14 chapters across 12 different states, featuring general icebreakers & engaging social events that improved connections by 15%
- Developed and presented internship feedback reports after each programming event that led to improvements in staffing; this resulted in an increase in application rates and improved intern satisfaction scores

SKILLS

- **Programming Languages:** Python, JavaScript, C/C++, HTML, CSS, JQuery, SQL, PHP
- **Frameworks/Tools:** React, MongoDB, SQL, Blender, Maya, Adobe Suite, Node.js, Express.js
- **Other:** Git/Github, UX/UI Design and Research, Team Collaboration, Game Development

LEADERSHIP & INVOLVEMENT

CASA *Founder — Design Chair — Senior Advisor* September 2023 - May 2025
- Designed of high-impact graphics, increasing social media engagement and expanding club membership
- Directed merchandise campaigns that generated significant interest and attracted new members
- Organized and executed a minimum of 4 monthly academic, social, or cultural events with strict budgeting of limited finance and resources therefore fostering community engagement and strengthening club presence on campus
- Collaborated with organizational advisors to revise and update the club's handbook and constitution, ensuring they accurately reflected the club's evolving goals, mission, and values to streamline future any decision-making

alpha Kappa Delta Phi *Judicial Chair* May 2024 - December 2024
- Provided consistent support to members by addressing concerns and ensuring their needs were met
- Facilitated constructive dialogue and served as a neutral mediator to resolve conflicts in a fair and equitable manner
- Developed sustainable, long-term solutions for organization challenges to promote cohesion and growth
- Collaborated with the president to foster cohesion and effective communication within the executive board, ensuring alignment with organizational goals while also promoting a healthy environment for discussion and idea-sharing