Tarika Birch

Creative Thinker. Design Enthusiast. Frontend Developer. User Experience Advocate.

tarikabirch@gmail.com | LinkedIn | GitHub | Portfolio

EDUCATION

University of the West Indies, Cave Hill Campus   **Expected Graduation: May 2025**
Bachelor of Science in Computer Science with Management
GPA: 3.85

WORK EXPERIENCE

Pellucid IT
Software Developer   **June 2024 - Present**
- **Enhanced User Experience**: Designed and developed the Pellucid Website using Drupal, significantly improving the UI/UX, leading to better user engagement and streamlined navigation, which positively impacted the company's online presence and client interactions.
- **Team Collaboration and Innovation**: Worked closely with a dynamic team to implement cutting-edge software solutions, contributing to the successful integration of new features that elevated the overall functionality and performance.
- **Mentorship and Code Quality Improvement**: Supervised and mentored a Software Development Intern, providing hands-on guidance, conducting thorough code reviews, and ensuring adherence to best practices, which resulted in higher code quality and the professional growth of the intern.

Software Developer Intern   **January 2024 - June 2024**
- **Improved Operational Efficiency**: Designed and implemented a new user interface for the CPAG Biodiversity Dashboard, optimizing it for Protected Areas management, which enhanced the usability and efficiency of critical conservation operations.
- **Streamlined Development Process**: Assisted in merging the CPAG Biodiversity and Conservation Dashboard codebases, reducing redundancies and accelerating future development, improving collaboration and code maintainability across the platforms.
- **Ensured Code Quality and Consistency**: Actively participated in code reviews to ensure adherence to high-quality standards and maintain consistency across all CPAG platforms, contributing to a more robust and reliable system for users.

National Center for State Courts   **July 2023 - August 2023**
Judiciary Software Engineer
- **Tailored User-Centered Design**: Enhanced the UI design for the Barbados Court Management System, customizing interface elements to meet user needs, resulting in a more intuitive and user-friendly experience for court personnel and stakeholders.
- **Collaborative Design Solutions**: Worked closely with the Senior Judiciary Software Engineer to provide design-related solutions and improvements, ensuring that the system's interface aligned with both technical requirements and the operational needs of the court.
- **Continuous Stakeholder Engagement**: Engaged in regular feedback sessions with developers and stakeholders, ensuring that design iterations were aligned with user expectations, while conducting thorough research to resolve technical issues and improve overall system functionality.

Central Bank of Barbados   **June 2023 - July 2023**
Digital Transformation Intern
- **Drove Innovation and Continuity**: Developed prototypes for a Knowledge Transfer tool to foster innovation and ensure seamless business continuity by effectively capturing and transferring critical knowledge across teams.
- **Collaborative Workflow Design**: Worked closely with the Business Analyst to create clear schematics and workflow diagrams, aiding in strategic decision-making and facilitating effective information dissemination.
- **Enhanced Information Dissemination**: Designed informative flyers using Canva Pro, effectively facilitating knowledge distribution and supporting the digitization effort by creating visually engaging materials to drive awareness and user engagement.

SKILLS & INTERESTS

- Programming Languages - JavaScript (Preferred), Typescript, HTML, CSS, Java, C++, C
- Frameworks - React (Preferred), React Native, Angular, NodeJS, NestJS, Tailwind, Bootstrap, Drupal, Expo, Firebase
- Design Tools - Adobe Illustrator, Photoshop, Lightroom, Canva, Figma, Procreate, Procreate Dreams
- Soft Skills - Critical Thinking, Logic & Reasoning, Organization, Time Management, Attention to Detail
- Passions - Art, Graphic Design, UI/UX Design

PROJECTS

JobWize   **Personal Project**
React Native | Expo | Firebase
- Developed a cross-platform mobile app to track job applications and streamline career management
- Designed wireframes and prototypes to visualize and refine the user interface, ensuring an intuitive and user-friendly experience
- Configured user authentication, database management, and data storage using Firebase
- Maintained a comprehensive development log, documenting the development process and highlighting key lessons learned

Recall Rumble   **Personal Project**
HTML | CSS | JavaScript | Bootstrap
- Designed and developed a web-based card matching game to enhance memory skills
- Created animations, illustrations and mockups to contribute to the design of the game

NarcoTech Physio Reminder   **School Project**
Project Manager | Public Relations Officer
- Monitored project timelines and milestones, ensuring adherence to deadlines and proactive resolution of deviations or delays
- Managed task assignment and tracking to optimize team efficiency and project progress
- Communicated directly with clients to understand project requirements, gather feedback, and ensure alignment with their expectations
- Received recognition as the top-performing project of 2023/24 Semester I within the COMP2225 Software Engineering course

AWARDS & ACHIEVEMENTS

- Faculty of Science and Technology Student Award - FST, UWI   **October 2022, October 2023**
- Incentive Award for Excellence In Visual Arts - National Independence Festival of Creative Arts   **November 2019**

LEADERSHIP

- Secretary - Computer Science Society, Faculty of Science and Technology, UWI   **September 2023 - Present**
- Project Manager - NarcoTech Development Team, School Project   **October 2023 - November 2023**