Ena Manjgo

Systems Design Engineering

🌐 https://www.ena-manjgo.com (portfolio)

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SKILLS

Leadership	SAP SuccessFactors	Process design, Project Management, Talent Management, Data Governance
Design	Figma, Adobe Photoshop, Illustrator, XD, Solidworks	Wireframing, Prototyping, User Personas
Product	Jira, Microsoft Office (Excel, PowerQuery, PowerBI, SharePoint)	Market research, Agile methodology
Development	C++, Java, HTML/CSS, Javascript, MATLAB, VBA, React.js, VSCode, CLion, Git
Languages	Fluent: English, French, Serbo-Croatian; Working: German (A2)

EXPERIENCE

Engineering Knowledge Management Consultant — Bombardier Aerospace 🔗   Sept. 2021 - Dec. 2021

- Implemented an Engineering Technical Talent Module in **SAP SuccessFactors** to **redesign Bombardier's Employee Information System (1200+ members)**, **accelerating information access by 200%**
- **Created a permissions matrix to organize SuccessFactors permissions, solidifying confidential information architecture** based on Knowledge Domain and organization
- Devised and documented a **version control process** in **Excel and PowerQuery** to synthesize weekly SuccessFactors reports, showing changes to employee information
- **Designed the module's UI/portlets** and **communicated with SAP to make necessary changes**
- Developed and **implemented a batch import process using VBA** to **import the existing PowerBI database to SuccessFactors**, eliminating manual migration
- **Communicated bilingually** to accomodate various meeting attendees

Jan. 2021 - April 2021

- **Contributed to all aspects of planning the Engineering Technical Talent Module's execution:**
  - Completed and **presented literature review** of the **competition's competency modelling frameworks** to the **VP of Engineering**
  - **Ideated and documented roles and responsibilities** related to the module's process, **determining required contributions at each organizational level**
- **Designed and implemented a project management process using SharePoint** to increase efficiency of task completion within the team

PROJECTS

Personal Website | HTML/SCSS, Javascript, React.js 🔗   Sept. 2021 - Dec. 2021

- **Designed UI in Figma** with **animations in After Effects** to create an interactive portfolio
- Developed and deployed a **React.js web application** using **functional components** to host UI/UX, CAD, and visual design work

Mobile App Prototype Design — Tunely | Figma 🔗   Sept. 2021 - Dec. 2021

- Ideated a **swipe-to-save song discovery and sharing app** targeted toward young adults
- Created **User Personas** to better **understand the problem space and wants/needs** of the user
- Designed **low and high fidelity wireframes**, recording changes between iterations to improve the product
- Produced a **clickable prototype** to demonstrate the app's functionality

UWaterloo Engineering Cohort Merchandise Production | Figma 🔗   Sept. 2021 - Dec. 2021

- Completed **market research via consumer interviews** to **design a hoodie** representing the class of 2025
- Researched various printing services to **optimize cost and delivery time to customer**
- Created a **Shopify store** to **integrate with Printful** and distribute to customers

EDUCATION

University of Waterloo — BASc, Systems Design Engineering

Sept. 2020 - April 2025 (expected)

President's Scholarship of Distinction
Relevant Courses: Data Structures and Algorithms, 3D Design (CAD), Human Factors in Design, Design, Systems, and Society

AWARDS

French Department Award
Highest grade in graduating class
Selected Author, Toronto French Theatre
Wrote a French play that was rehearsed by professional authors and writers

INTERESTS

Digital art, classical guitar, photography