LAYTON BERTH

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EDUCATION

HOWEST UNIVERSITY OF APPLIED SCIENCES   Bruges, BE
Bachelor of Applied Science in Applied Computer Science; Major in Software Engineering   **2022-July 2025**
- Relevant Courses: Research Project, Database Systems, Object-oriented Programming, Web Development, Operating Systems, UI/UX Design, Probability and Statistic, Data Analysis and Visualization

MIDDLE SCHOOL SINT-JOZEF SINT-PIETER   Blankenberge, BE
Middle School Diploma, Accounting and Computer Science - Magna Cum Laude   **2016-July 2022**
- Relevant Courses: App Development, Database Systems, Object-oriented Programming, Web Development, UI/UX Design, Data Analysis

PROFESSIONAL EXPERIENCE

MR PACKAGE   Ostend, BE
                                          July2024 - August 2024
Software Engineer / Designer - Internship   **August 2023 - September 2023**
- **Developed a webshop** using Shopify and custom CSS / laravel backend to track orders, leading branding initiatives such as logo design and name research.
- **Transformed data operations** by converting .xls files into CSV formats, performing data calculations, and scripting bulk operations for record management.
- **Automated product management**, uploading and attaching relevant information for over 200,000 products, significantly reducing manual workload for the company. Creating a PIM tool enabled the company to effortlessly deploy multiple webshops with minimal employee workload.
- **Creating advertisement graphics**, enhancing the visual appeal and effectiveness of marketing materials.

Scrum / Git / Laravel (PHP) / Python / Liquid (Shopify) / XML / HTML5 / CSS3 / Figma

PROJECTS

[RCPSwap](#) - A decentralized exchange (DEX) platform for trading Reddit Community Points (RCPs)
- Developed the entire UI and parts of the backend for RCPSwap, enabling interaction with smart contracts and blockchain.

Next.js (React - Javascript) / Node.js / Solidity / HTML5 / CSS3 / Visual Studio Code (IDE) / Figma (Design)

[Trendloom](#) - A Zalando-style webshop offering clothing for women, men, and children
- Designed and implemented Trendloom's full-stack architecture, developing the front-end with Vue.js and the back-end API with Laravel. Managed all stages of the project, from initial design to the implementation of seamless product ordering functionalities.

Vue.js (Javascript) / Laravel (PHP) / JWT / SQL / HTML5 / CSS3 / Visual Studio Code (IDE) / Figma (Design)

[SkyEye](#) - A real-time flight tracking app featuring innovative Augmented Reality for immersive flight identification
- Led the development of the Sky Eye Android app, orchestrating API integrations for live flight data and laying the foundation for upcoming Augmented Reality features to identify and interact with real-time flights.

Kotlin, Jetpack Compose, Retrofit, Room, SQLite, Android Studio (IDE), Figma (Design)

SKILLS

Languages: HTML, CSS, Javascript , SQL, Laravel (PHP), Java, Python, C# .NET, Kotlin
Technologies: Vue.js, Next.js, React, Express.js, Tailwind CSS, SCSS, REST Services, MySQL, MongoDB, GraphQL, Spring, JavaFX, Android SDK
Tools: Git, Gitlab, Github, Visual Studio Code, All products of Jetbrains, Figma

CERTIFICATIONS

[BIP - Trends in Research and Innovation in the Context of Computer Science (3ECTS)](#) by FH St. Pölten - University of Applied Sciences, **[Cast Studies Challenge - IP3 Project Based Learning (5ECTS)](#)** by University of Economics in Katowice