Samuel Bruin

Junior Software Developer

Lelystad, Flevoland
+31 6 23632314
samuelmbruin@yahoo.com
linkedin.com/in/samuelbruin
github.com/ancientkingg

Work experience

Software Engineering Methods Student Assistant @ TU Delft *Sep 2024 - present*

FlexDelft, Delft, The Netherlands

As a TA, for Software Engineering Methods, I assist students in preparing them for software development in a professional setting; helping them teach good practices to improve their professional skills as a software developer.

Software Engineer Intern *April 2024 – July 2024*

PwC Nederland, Amsterdam, The Netherlands

As part of this internship, I, along with a team of 5 students, developed an AI-powered, currently still confidential, tool that is now being prepared to go into production for internal use.

Student Assistant for various courses @ TU Delft *Nov 2023 – April 2024*

FlexDelft, Delft, The Netherlands

As a TA, for Information and Data Management, Web & Databases and Calculus, I assisted in course instruction and administration, guided students and offered feedback to help them develop their skills in the course.

Education

Bachelor of Science: Computer Science & Engineering *Sep 2022 - Present*

Delft University of Technology

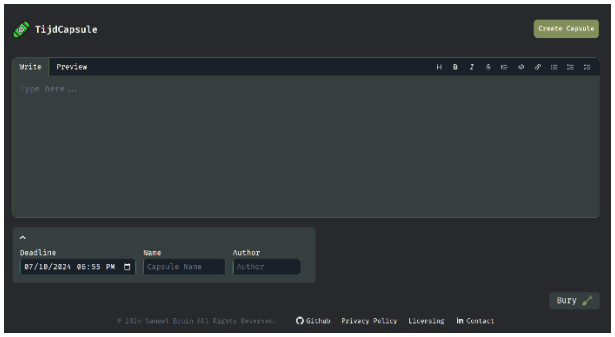
Secondary education: VWO *Sep 2016 - Jul 2022*

Lyceum Porteum

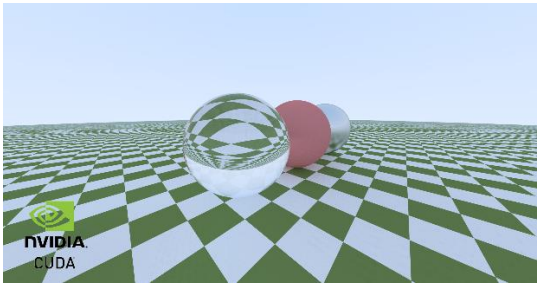
Portfolio

TijdCapsule – *(Svelte, Rust)* [*https://tijdcapsule.shuttleapp.rs*]

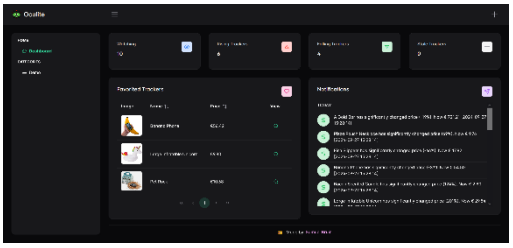
A pastebin alternative with the option of setting a time lock on the content before being able to view it.

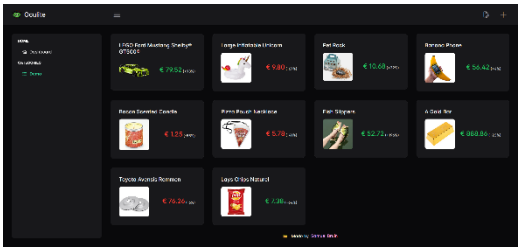


CUDA Hardware Ray Tracer – *(C++, CMAKE, CUDA, OpenGL)*
A real-time hardware-accelerated ray tracer written in CUDA displayed by OpenGL, using CUDA and OpenGL interop.

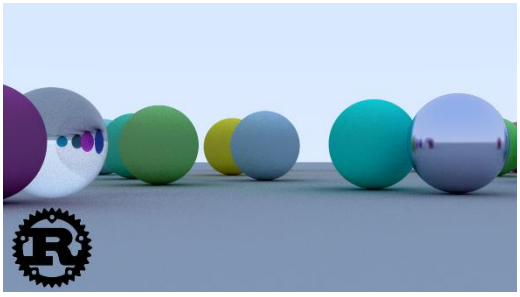


Oculite – *(Rust, VueJS)* [*https://oculite.shuttleapp.rs*]
A user-friendly dashboard for monitoring prices, written in Vue 3.

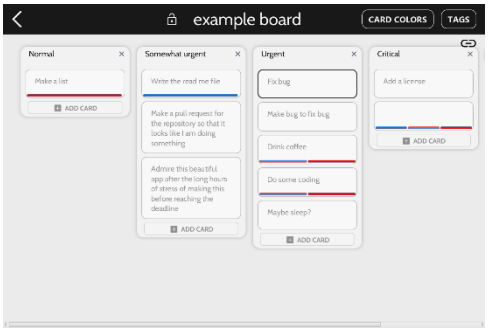




Rust Software Ray Tracer – *(Rust)*
A real-time ray tracer written in Rust. This project was made as practice to learn Rust with the aim to know the language a lot better and become a lot more comfortable with it.



TALIO – *(Java)*
Talio is a Java-based planning application. The program is built to let users create, classify and track goals within a simple GUI environment. This project was made for CSE1105 @ TU Delft.



Achievements & Skills

- Honours CSE Student @ TU Delft
- **Languages**: Rust, C++, Java, Javascript, Typescript, Python, Scala, CUDA
- **Web frameworks**: ReactJS, Svelte, Sveltekit, NextJS, Vue