

Finnean van den Boorn

☎ (+31) 6-14124299 | ✉ finnean@vdboorn.net | 🏠 vdboorn.net | 📺 fvdboorn



Skills

C++ | Cloud Computing | JavaScript | React | RPC/IPC | TypeScript | SQL | Algorithms | Node | Git | CI/CD | Unit Testing | Linux | Unreal Engine | CAD | IoT | Java | Python | Autodesk Fusion | Docker | OpenGL | C | Frontend | Backend | Full-Stack | English | Dutch | German

Work Experience

Final Nexus

Sittard, Netherlands

FOUNDER

Mar. 2025 - Present

- Designing and developing fully custom speaker systems using VituixCAD and Fusion360.
- Engineering speaker boxes, electrical passive and active speaker crossovers systems and programming embedded devices.

Philips

Eindhoven, Netherlands

APPRENTICESHIP

Apr. 2023 - Jul. 2023

- Together with fellow student I developed a scalable tool for the comparison of Inter Process Communication (IPC) protocols.
- I mainly focused on software architecture and engineering of the tool using C++ in a scrum team.

Jumbo

Sittard, Netherlands

SALES ATTENDANT

Apr. 2018 - Dec. 2022

- Worked as a retail sales attendant, often taking on a managerial role.

Freelance

Selfkant, Germany

WEB DEVELOPER

Apr. 2017 - Apr. 2018

- Worked as a fullstack web designer/developer and visual designer for a local crowdfunding foundation.
- Design and develop web-based applications and creating promotional material.

Education

Eindhoven University of Technology

Eindhoven, Netherlands

M.S. IN COMPUTER SCIENCE AND ENGINEERING

Sep. 2023 - Dec. 2025

- Topics in Algorithm, Software Engineering, Real-time Systems, Internet of Things and Network Security.

Mälardalen University

Västerås, Sweden

M.S. IN COMPUTER APPLICATIONS

Aug. 2024 - Nov. 2024

- Topics in Information Design and Cloud Computing using Docker.

Eindhoven University of Technology

Eindhoven, Netherlands

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Aug. 2020 - Aug. 2023

- Topics in Data Structures, Machine Learning (AI), Heuristics, Cybersecurity and Software Engineering.

Projects

B&R Speakers [see repository](#)

Sittard, Netherlands

ELECTRICAL ENGINEERING & EMBEDDED SYSTEMS

Aug. 2025 - Nov. 2025

- Developed a novel speaker amplification method via a centralized Amplifier module with built in programmable Digital Sound Processor (DSP).

Tract3D [see video](#)

Eindhoven, Netherlands

3D SOFTWARE ENGINEERING

Jan. 2024 - Apr. 2024

- Co-developed a medical imaging tool used to visualize brain matter tracts from MRI scans from scratch using OpenGL and ImGui.

Guess The Anime [see website](#)

Remote, Netherlands

FULL-STACK WEB DEVELOPMENT

Nov. 2022 - Apr. 2023

- Full-stack development of a web application using React and JavaScript with a PostgreSQL database.

Arcade Machine [see video](#)

Selfkant, Germany

SOFTWARE & ELECTRONICS ENGINEERING

Feb. 2019 - Feb. 2020

- Built an arcade machine from scratch, both hardware and software based on a modified MAME emulator.

Certifications

2019 **Cambridge English C1 Certificate**, Cambridge University Press & Assessment

*Maastricht,
Netherlands*