

Simon van Noort

github.com/noorts | linkedin.com/in/noorts

Experience

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| Database Researcher, Intern | CWI (Amsterdam, NL) | Sep 2025 – Feb 2026 |
| <ul style="list-style-type: none">Building a high-performance vector similarity search system (C++) in Prof. Boncz's Database Architectures group | | |
| Software Engineer, Intern | Google (Warsaw, PL) | June 2025 – Aug 2025 |
| <ul style="list-style-type: none">Refactored a core infrastructure service (C++) used by more than 60% of all services within Google resulting in improved infrastructure reliability and maintainabilityVerified the service's behavior and gave a presentation which is now part of the team's educational material | | |
| Software Engineer, Intern | Datadog (Paris, FR) | Feb 2023 – Aug 2023 |
| <ul style="list-style-type: none">Led a 6-month initiative to automate technical processes in the Synthetic Monitoring team. Gathered requirements, performed research, wrote peer-reviewed design documents, coordinated cross team, and built the tooling using TypeScript, Node.js, Jest, AWS, and Docker | | |
| Software Engineer | Onramper (Amsterdam, NL) | (Part-time) Aug 2021 – Jan 2023 |
| <ul style="list-style-type: none">Laid the foundation of a dashboard and configuration platform. Gathered requirements, defined the technical architecture and the MVP, wrote design documents, gave presentations, and onboarded engineersLed the development of production microservices and internal tools as a full-stack developer using TypeScript, Serverless, Node.js, React.js, Jest, GitHub Actions, and AWSAutomated 60% of manual tasks in the sales process and sped up CI by 3-5x, saving the team countless hours | | |
| Auditor, Intern | EY (Amsterdam, NL) | Feb 2019 – June 2019 |
| <ul style="list-style-type: none">Performed auditing and reconciliation tasks to support accountants in timely delivery of auditsSecured €15,000 in funding by building tooling at a hackathon | | |

Education

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| M.Sc. Computer Science | University of Amsterdam & Vrije Universiteit (NL) | Expected Feb 2026 |
| <ul style="list-style-type: none">Track: Parallel and Distributed SystemsHighlights: OS kernel, SSD firmware, TCP/IP stack, compiler, file system, formal verification | | GPA: 9.1/10.0 |
| B.Sc. Software Engineering | Amsterdam University of Applied Sciences (NL) | 2019 – 2023 |
| | | Cum Laude, GPA: 9.2/10.0 |
| Voc. Ed. Business Administration | Horizon College (Alkmaar, NL) | 2017 – 2019 |
| | | Cum Laude, GPA: 9.1/10.0 |

Skills

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| Languages | C++, C, Python, Java, TypeScript, JavaScript |
| Technologies | AWS, Kubernetes, Docker, GitHub Actions, Git, Unix, Linux, SQL, NoSQL, Bazel, CMake, Make, Protocol Buffers, Google Test, Serverless, Node.js |
| Other | Distributed Systems, Systems Programming, Database Management Systems, Data Engineering, Data Structures and Algorithms, Software Design, Web Development, Machine Learning, AI, Formal Verification, Complexity Analysis, OOP, Testing, CI/CD, DevOps, Scrum |