

Benjamin Borgen Whistler

Oslo, Norway · benjamin@bwhistler.no · github.com/whistler-1 · linkedin.com/in/bbwhistler

EDUCATION

- University of Oslo** *Oslo, Norway*
M.Sc. Informatics: Programming and Systems Architecture Aug 2025 – Jun 2027
- OsloMet – Oslo Metropolitan University** *Oslo, Norway*
B.Sc. Applied Computer Science (specialization in programming) Aug 2022 – Jun 2025

EXPERIENCE

- Back End Developer – Summer Position** *Oslo, Norway*
Multiconsult Jun 2025 – Aug 2025

- Shipped an internal Revit plugin for BIM work synchronization, deployed to the company-wide employee toolbox and used across multiple construction planning projects.
- Refactored a monolithic codebase: extracted reusable methods, eliminated magic values, and decomposed a single main method into separated classes. Added explicit error handling to silent try/catch blocks, surfacing and fixing previously hidden bugs.
- Replaced external browser-based authentication with an embedded WebView2 window inside the WPF application. Revamped the UI in WPF/XAML.

- Student Software Developer – Bachelor Project** *Oslo, Norway*
Multiconsult Jan 2025 – Jun 2025

- Developed the backend of a web application for discipline leaders to create structured system- and component lists for electrical planning, following TFM/NS-3457 standards.
- Built 43 REST API endpoints in .NET/C# with a layered architecture (controllers, service layer, repositories) using Entity Framework Core and Azure SQL.
- Implemented DTO mapping with Mapster and a custom Result class for structured error handling across layers.

- Teaching Assistant in Programming** *Oslo, Norway*
OsloMet – Oslo Metropolitan University Aug 2024 – Dec 2024

- Taught introductory Java programming (DAPE1400) to bachelor students.
- Co-organized a Java crash course for first-year students in partnership with NITO.

- Vice Student Representative** *Oslo, Norway*
OsloMet – Student Parliament Sep 2022 – Jun 2024

- Represented IT students in university governance for nearly two years.

PROJECTS

- Parallelized Prime Sieve & Factorizer** *Spring 2026*
Cache-friendly, multithreaded implementation of the Sieve of Eratosthenes and prime factorization engine, optimized for parallel execution. Built in Java as part of a graduate course in efficient parallel programming.

- Oslofjord Digital Twin – Master's Thesis** *2026 – 2027*
Researching efficient sensor-to-server data pipelines for a digital twin of the Oslofjord, exploring load balancing, caching, and automation of data synchronization currently handled manually.

SKILLS

Primary:

C#, .NET, Entity Framework Core, Azure (SQL, DevOps, Entra ID), Java, Git

Familiar with:

JavaScript, WPF/XAML, Go, Rust, Spring Boot, Docker, Linux

Spoken Languages:

English & Norwegian (native bilingual)