Peter Vatnar Andersson

Curriculum Vitae

Date of Birth	11.08.2005
Languages	Fluent in Norwegian and English
Skills	Quick learner, helpful, responsible, diligent, and efficient

Education

2024–Present	**Bachelor in Software Development**, *University of Agder*, Grimstad
2021–2024	**Specialization in Natural Sciences**, *Re High School*

Work Experience

2025–2026 — FYSE Mentor, *University of Agder*, Campus Grimstad
- Mentored new students and supported their academic and social adaptation.
- Led introductory meetings and social activities.
- Collaborated with other mentors to achieve the best possible learning environment.

Fall 2025 — Student Assistant – IKT102, *University of Agder*, Campus Grimstad
- Assisted students with understanding operating systems and practical exercises.
- Supported students during lab sessions and grading assignments.

2024–2025 — Fresh Food Clerk
- Provided customer service and handled client inquiries.
- Prepared and handled food according to safety regulations.
- Performed cleaning and maintenance of the workspace.

2020–2021 — Part-time Helper, *Hydroscand*, Bærum
- Conducted stock counts and checked in goods.
- Gained understanding of warehouse operations.

Interests

Music, Fitness, Programming

Projects

Smart Alarm Clock
- Developed an alarm clock on a STM32 microcontroller (mbed 6.0) with weather forecasts, temperature and humidity readings, locale support, and rss news from multiple sources.
- Integrated with third party apis and implemented a multi-threaded solution in an embedded environment.

SD - Shader Debug
- Currently developing tooling for live preview and debugging of GLSL and in the future HLSL shaders (SPIR-V).
- Support for real-time hot-reloading and 3D visualization.
- Ongoing project.