

Curriculum Vitae

Ole Aamot

Contact Information

Address: Frydenbergveien 56, NO-0575 OSLO, Norway, Europe

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Website: www.aamotresearch.com

Education

Norwegian University of Science and Technology (NTNU), Gjøvik

Candidate for Bachelor's Degree (Ongoing)

Specialization: Computer Science, Geospatial Data Integration

Massachusetts Institute of Technology (MIT) (Applied for Exchange Program)

Advanced Study Program (Pending)

Research Interests

- Open-source software development for geospatial data integration
- Location-based search engines
- Secure communication technologies and freedom of expression
- Audio mapping and cultural preservation

Publications & Research Projects

- *Development of a Location-Based Search Engine.*
(Draft published at www.oleaamot.com/research/Aamot,2025.pdf)
- *Global Soundscapes: Open-Source Audio Mapping Tools for Promoting Freedom of Expression* (Ongoing)
- *Building for Free Speech: Innovations in Transparent and Accessible Communication Software* (Ongoing)

Technical Skills

- **Programming Languages:** C, Python, JavaScript, Rust, LaTeX
- **Software & Frameworks:** GTK, GStreamer, WebTorrent, GNOME, Git

- **Operating Systems:** Linux (Ubuntu, Arch), BSD, macOS
- **Networking & Security:** VPN, SSH, Open Source Cryptography

Professional Experience

Aamot Research, Oslo, Norway

Founder & Lead Researcher (2024–Present)

- Established a research-driven company focused on Internet security, software development, and open-source geospatial tools.
- Developed GTK Radio 550.0, GNOME Voice, and GarageJam with commercial licensing options.
- Conducting research on multiple-location audio recording (MLAR) formats.

Academic & Open-Source Contributions

- Maintainer of GTK-based radio streaming client (source code: [GitLab Repository](#))
- Contributor to GNOME and Free Software Foundation (FSF) projects
- Published open-source audio tools for secure and transparent broadcasting

Languages

- Norwegian (Native)
- English (Fluent)
- German (Basic)

Awards & Recognitions

- Accepted into BPROG '25
- Featured in Free Software Community for open-source contributions

Extracurricular Activities

- Guitarist & Composer (*Ole Aamot – Syncopation*, 2024)
- Member of global open-source development communities
- Advocate for privacy, digital rights, and free speech

References

Available upon request.