JONATHAN FOLLAND

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Education

NTNU: Norwegian University of Science and Technology — **Trondheim, Trøndelag**
Masters of Computer Science, Program Systems — Aug 2024 – Jun 2026

NTNU: Norwegian University of Science and Technology — **Gjøvik, Innlandet**
Bachelors of Engineering in Computer Science, Computer Science — Aug 2021 – Jun 2024

Røyken Videregående Skole — **Røyken, Asker**
Studiespesialisering, Realfag — Aug 2018 – Jun 2021

Experience

AI Trainer - Python Specialist — **Apr 2025 – Present**
Outlier AI — *Remote*

- Developed Python code examples to evaluate and enhance an AI model's code comprehension and correction abilities.
- Analyzed the AI's code alterations, verifying logical correctness, syntax, and adherence to programming best practices.
- Manually debugged and rewrote incorrect code generated by the model, providing critical human feedback to improve its learning process.
- Played a direct role in improving the model's performance by creating high-quality training data based on correcting its errors.

Volunteer App Developer — **Sep 2024 – Jun 2025**
ISFiT 2025 (The International Student Festival in Trondheim) — *Trondheim, Norway*

- Contributed to developing the official ISFiT 2025 mobile app in JavaScript, successfully launching it on the App Store and Google Play.
- Implemented key features including an event schedule, an interactive map of Trondheim with points of interest, and a general info hub for visitors.

Projects

MONK-System (Bachelors Project)

- Developed a full-stack data management kiosk to automate the extraction and conversion of patient monitoring data, earning a top grade of A.
- Engineered a high-performance C++ library to parse complex, proprietary data from Nihon-Kohden medical systems and convert it into a standard CSV format for analysis.
- Built a user-friendly web interface and file management system using Python and Django, enabling intuitive interaction for medical professionals.
- Deployed the entire system on a minimal Debian Linux environment to ensure a secure, stable, and lightweight platform for clinical use.
- The final system was designed to significantly reduce human error, secure data handling, and improve the clinical workflow at OUH.

Skills

Languages: Python, C++, Go, JavaScript, HTML/CSS, SQL
Frameworks & Libraries: Django, React Native, Matplotlib
Databases: PostgreSQL, MySQL, MongoDB, SQLite
Cloud & DevOps: AWS, Google Cloud, CI/CD Pipeline Development

Languages

Norwegian: Native / Bilingual Proficiency
English: Native / Bilingual Proficiency

References

Available upon request.