

To whom it may concern

Recommendation Letter for Andreas Sandnes

Copenhagen, 21 August 2025

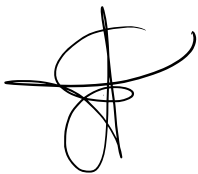
It is my pleasure to recommend Andreas Sandnes for a software engineering role in biological research. During the period of less than six months that I had the opportunity to supervise Andreas in a bioinformatics setting, he consistently demonstrated exceptional technical skills, adaptability, and a collaborative spirit.

Andreas made impactful contributions in a remarkably short time. He developed a custom HLA typing output handler that automates reporting and integrates quality control checks, significantly streamlining immunology research workflows. He also automated BCL-to-FASTQ conversion using Python and Bash in a high-performance computing environment, improving both efficiency and reliability in our data processing pipeline. In addition, he applied Seurat for single-cell RNA-seq analysis performing quality control, normalization, clustering, and dimensionality reduction enabling clearer downstream interpretation of complex immunology datasets.

Across all these projects, Andreas wrote well-structured, modular, and thoroughly documented code, making his tools easy to maintain, adapt, and integrate into larger collaborative frameworks. He approaches challenges with creativity, takes ownership of his work, and learns rapidly from any feedback or obstacles, applying those lessons to deliver even stronger results.

From my perspective, Andreas stands out for his ability to bridge the gap between software engineering and biological research. His technical abilities, curiosity, and strong communication skills make him a valuable addition to any interdisciplinary team. I am confident he will bring the same level of dedication, innovation, and professionalism to any future role he undertakes.

Yours sincerely,



Evdoxia Karadoulama, PhD
Postdoctoral Bioinformatics Researcher
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