

Dear Hiring Committee,

I am writing to express my interest in the Front-End Developer for Data Visualization position at the University of Amsterdam. With a background rich in creative technology, data visualization, and a deep commitment to ethical digital innovation, I believe I am uniquely equipped to contribute to your esteemed team, specifically in the realms of developing intuitive interfaces and visualizations for complex data.

Throughout my academic journey in Media Informatics, I've had the privilege of engaging in projects that lie at the intersection of technology and user experience. My work ranged from designing an innovative prototypical interface for the TU Dresden cafeteria system to implementing multivariate data visualizations in Augmented Reality through Microsoft's HoloLens. These experiences have not only honed my skills in utilizing cutting-edge technologies for front-end development but also emphasized the importance of intuitive design in enhancing user engagement with digital platforms.

My proficiency with data visualization and VR technology, honed during my media technology studies in Linköping, aligns perfectly with the technical qualifications required for this position. Additionally, my foundational programming skills, rooted in Python and expanded to include extensive work with various JavaScript frameworks such as D3.js, will enable me to contribute immediately to your ongoing and future projects. I am particularly excited about the prospect of employing these skills to develop and optimize interactive, user-friendly interfaces and data visualizations that facilitate insightful understanding of complex datasets.

The role's emphasis on collaboration within interdisciplinary teams resonates with my previous experiences at Huawei. As Digital Communications Manager, I navigated the nuances of effective communication and project management within diverse teams, ensuring the seamless execution of projects and our department's ability to convey complex information in an accessible manner.

Furthermore, my theses during my bachelor's and master's degrees focused on practical applications of technology in society, such as utilizing gamification for efficient bike-sharing systems and exploring digital solutions for cultural events during the pandemic such as in web-based VR. These projects required a deep understanding of both technical execution and user experience, skills directly applicable to developing effective and engaging data visualizations.

I am especially drawn to this position at the University of Amsterdam because of the opportunity it presents to merge my passions for technology, design, and societal benefit. I am eager to contribute to research projects that aren't just technologically advanced but also ethically considerate and user-oriented. My dedication to these principles is unwavering, as demonstrated through my commitment to non-profit initiatives and sustainable digitalization efforts.

I am thrilled at the prospect of joining your team and contributing to the University of Amsterdam's renowned legacy of innovation and societal contribution. I am confident that my background in front-end development, experience in interdisciplinary collaboration, and commitment to intuitive, ethical digital solutions make me a strong candidate for this role. I appreciate your time and consideration and am looking forward to the opportunity to discuss my application further.

Best regards,

Lukas Haack

