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Digital Internships

Form

Information about the hosting organisation (name, address, a short profile up to 250 words)	**University of the Algarve – NOVA LINCS UAlg – Visual Computing Lab**. Since 2012, the lab has served as a hub for cutting-edge research in computer science with a particular emphasis on applied research. We are committed to doing research and developing intelligent systems that always place the user or human at the forefront of the whole product or service development cycle. Human-centred AI, affective computing, human-computer interaction, computer vision, machine learning, adaptative interfaces, human senses, data science, operations research, and cybersecurity are topics of research. VClab researchers are integrated into NOVA LINCS research centre, in the group Multimodal Systems. Visual Computing Lab (microsite)
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Internship offer (short description of main responsibilities) up to 350 words	**Data Curation for Engagement Analysis in Events** **Available:** from November 2025 until June 2026 Join our innovative team for a three-month virtual internship focused on building a foundational dataset for a cutting-edge AI model. The core mission is to enable the AI to understand **human engagement in events** by combining **emotions, sentiments, behaviours, and actions.** Your primary task will be to source and meticulously localise “movie clips” or other open-source clips and/or datasets that depict characters interacting in events with specific Points of Interest (POIs), such as products, artefacts, or technology. **Key Responsibilities:**

	• **Sourcing & Scene Identification:** Research and select a diverse range of clips in different type of events to ensure a rich, unbiased dataset. You will identify and catalogue key scenes where a character's engagement with a predefined POI is central to the narrative. • **Data Localisation & Annotation:** Precisely timestamp the start and end of these engagement sequences and/or clips with the above-mentioned subjects. Your clips (with detailed annotations*) will form the basis for training the AI, focusing on the character's observable reactions and interactions. • **Taxonomy Application (optional):** Utilise a structured taxonomy to tag scenes (with relevant labels for emotional cues, behavioural patterns, and actions). **Desired Skills & Outcomes:** The candidate should be detail-oriented, have a keen analytical eye for scene analysis, and have a strong interest in AI and data. By the end of this internship, you will have gained hands-on experience in the crucial data preparation pipeline for computer vision and AI, contributing directly to a project at the intersection of multimedia analysis and human-computer interaction. You will deliver a curated and annotated portfolio of "clips", forming the cornerstone of our future engagement detection model. The work will be integrated into the project in development by the company SPIC, Digital Studio and UAlg: AI.EVENTS (AI.EVENT - Scientific microsite).
Duration (no. of weeks and hours per week)	3 Months/12 weeks/~10h per week
	This internship is designed to be a substantive learning experience, balancing meaningful contribution with academic responsibilities. The workload is structured to be manageable within a part-time framework. • **Weekly Time Commitment:** Approximately **10-15 hours per week**. • **Work Structure:** The role is **asynchronous**, allowing you to manage your tasks flexibly within weekly deadlines. However, scheduled virtual check-ins with your mentor (approx. 30 minutes per week) are mandatory for guidance and feedback. • **Key Deliverables & Pace:** The internship is project-based, centred on the creation of the (annotated*) dataset. On average, you will be expected to identify,

	localise (and annotate*) **20+ key "engagement scenes" ("clips")** per week. • **Support:** You will have regular access to a project mentor for questions (and will be provided annotation* guidelines) to ensure you can work efficiently and confidently. This structured approach ensures you gain comprehensive experience in AI data curation while delivering a high-quality, valuable dataset for the project. ***- <u>The annotation is not mandatory, and can be done later on by the lab. team.</u>**
Learning outcomes	Upon successful completion of this virtual internship, you will be able to: • **Articulate** the critical role of high-quality, curated data in the development of AI models, specifically for computer vision and human-behaviour analysis. • **Execute** the end-to-end process of dataset creation, from sourcing and criteria-based selection to precise data localisation and metadata tagging. • **Evaluate** the challenges of bias and diversity in AI training sets by consciously sourcing from a wide range of film genres and cultures. • **Construct** a professional portfolio of your annotated work, demonstrating your direct contribution to a foundational AI project. These outcomes are designed to provide you with tangible, in-demand skills in the fast-growing field of AI data operations and multimedia intelligence.
Assessment method(s)	Your performance and learning progress will be evaluated continuously through a combination of quantitative and qualitative methods, focusing on the quality, consistency, and growth you demonstrate throughout the program. **Primary Assessment Methods:** 1. **Weekly Deliverables & Consistency:** Adherence to weekly targets "clips" (and annotated* scenes) will be tracked. This assesses the **time management**, **reliability**, and ability to maintain a steady output of high-quality work. 2. **Mentor Feedback & Progressive Improvement:** Your responsiveness to weekly feedback and your ability to incorporate guidance to improve the quality of your

	subsequent work will be a key qualitative measure of your **adaptability** and **commitment to learning**.
Additional note	The initial 2 weeks will be used for bibliography research and existing datasets research.
Entry requirements	Students in a program related to Psychology, or to Data Science, or to Computer Science, or to Cognitive Science.

Note: *Upon successful completion of the internship, the student will be awarded a certificate. Recognition of the internship is subject to the university's internal policies.*