



INTERACTIVE COMMONS

CASE WESTERN RESERVE UNIVERSITY

11111 Euclid Avenue, Suite 50
Cleveland, OH 44106

interactivecommons.org

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Student Worker Job Description

Research Assistant 140011

DIGITAL DEVELOPER ASSISTANT

The Digital Developer Assistant will support the overall operations of the Interactive Commons (IC) under the direct supervision of the IC executive director and with project direction from IC computer developers, artists and the IC faculty director.

The Digital Developer Assistant will:

- Provide computer programming and development of 2D and 3D digital assets as well as programming for visualization technologies such as Microsoft HoloLens, Microsoft Surface Hub, a 24' x 8' visualization wall and computer screens.
- Provide hands-on translation and optimization of data sets and other digital assets through file optimization, decimation and reconstruction.
- Provide basic surface rendering techniques and some artistic manipulation and digital painting/drawing to individual assets and applications.
- Assist in creating, assembling or configuring hardware to support IC development.
- Manage projects to specified time constraints.
- Coordinate and integrate assigned work with other team members.
- Provide technical support to help IC visitors access technical resources (Viz Wall start-up procedures, general tech support and connectivity assistance).
- Supervise and mentor student guests at the IC in the use of hardware and software.
- Use honesty and integrity to keep university data confidential; abide by university policies regarding intellectual property.
- Protect IC equipment and data by adhering to security protocols for physical equipment and software/code.

Skills Sought:

- Exemplify positive, striving, passionate, creative and respectful IC culture in one's attitude and interactions with others.
- Strong interpersonal, verbal and written communication skills.
- Service-oriented, collaborative approach to collaborators and peers.
- Computer programming skills and experience preferred.
- Self-starter with the ability to prioritize and manage projects.
- Skills and experience in the visual arts, integration of technology with learning, or medical and biological fields desired, but not required.