JUNIOR SOFTWARE DEVELOPER

Midnight Commercial incubates internal projects and works for extraordinary clients on a range of endeavors including experiential and product design, strategy, research, and long-term innovations. Our focus is on the intersection of advanced technology, physical space, and human behavior, but not in any one context or agenda. We remain open to possibility and accept new challenges often. This job requires someone excited to work on many different things; someone capable of churning ambiguity into expressed reality.

RESPONSIBILITIES

You would be responsible for working with our creative, design and engineering teams to design and execute projects through concept, production and deployment. Because Midnight Commercial is not a traditional development house or software company, each project we do has its own brand of unique challenges, unknown factors and technological obstacles. To be successful, you must be flexible in your programming environment, work cross-platform and maintain a diversity of software skills. You will be some hybrid of a creative coder, software engineer and game developer.

ESSENTIAL FUNCTIONS

1. Develop previsualization and AR experiences using game engines (Unity 5)
2. Develop native applications for Linux, Windows, macOS, iOS, and Android.
3. Develop realtime generative graphics (Cinder/C++/OpenGL)
4. Develop firmware for integrated systems (Arduino)
5. Develop software for microcomputing platforms (Raspi, Edison, Jetson)
6. Develop web technologies and tools (Javascript/Node.js/Three.js)
7. Develop data structures, algorithms and generative processes
8. Research and develop cutting edge technologies and practices
9. Maintain Midnight Commercial software (website, apps, experiments, etc)

QUALIFICATIONS

Degree in Computer Science, Game Development or some equivalent Art + Technology degree. Graduate level degree strongly desired.

COMMUNICATION

- Generous, comprehensive, and concise written communication skills
- Deep respect and appreciation for all aspects of bringing a concept to life
- Works seamlessly as part of a team and gravitates towards leadership roles
- Passionate about learning software and staying up to date on new technologies

KNOWLEDGE

- Strong demonstrable knowledge in at least Unity 5, if not also Unreal 4
- Required programming languages:
    - Javascript (advanced)
    - C++ (intermediate-advanced)
- Secondary programming languages Java, Python, Objective-C
- Strong ability to program in both Windows and Mac environments
- Familiarity with the Linux environment
- Familiarity with source control via git and github
- Familiar with TDD and Continuous Integration
- Familiar with agile development process
- Familiar with DevOps and system administration

this is a full-time, salaried position with benefits
please inquire with cover letter & resume to careers@midnightcommercial.com

MIDNIGHT COMMERCIAL