Research Assistant: Student Programmer
Center for Leadership Simulation and Gaming

The Center for Leadership Simulation and Gaming at the Frank Batten School of Leadership and Public Policy is seeking a motivated, creative, and versatile individual to work as a research assistant (RA) with a special focus in programming. The Center designs, develops, and executes a variety of participatory simulations and experiments to conduct research and education in leadership and public policy. Topics and tools used include the U.S. healthcare system, infectious diseases, crisis management, designing a market in a complex environment, political institutions and voting rules, behavioral biases, judgement and decision making, negotiations, cost-benefit analysis, auctions, game theory, etc.

This position can be taken for credit or for wage. Hours are flexible from 5 to 20 hours per week. It is open to both undergraduate and graduate students.

The ideal candidate will have:
- Experience in some programming, markup, or scripting language is required.
- Working knowledge of Python is desirable.
- Background knowledge in social sciences or fields related to simulations is desirable.
- Experience in experimental lab (economics, psychology, etc.) will be beneficial but not required.
- Interest in utilizing simulation and experiment to educate students and conduct analysis.
- Enjoy solving problems and playing games.

As a RA with a special focus in programming, you will have a valuable educational opportunity to work directly with our professional developers from front-end to back-end. In addition, you will get first-hand experience in simulations and experiment development, the software development lifecycle, project and program management, a wide range of leadership and public policy topics, and conducting cutting edge research and education. Experience from this position will help you in applying for both professional positions and graduate school.

Besides your primary programming duties, you will also have an opportunity to interact with the Center’s faculty, researchers, and staff to: help brainstorm in developing simulations and experiments, assist in planning and executing events, alpha and beta testing, collect data and conduct background research, create contents for simulations, support office’s daily functions, etc. This position is flexible depending on the RA’s ability.

How to apply: please send your resume and a short cover letter to administrative coordinator:
adrianbraun@virginia.edu
We will consider application on a rolling basis.

For more information about our Center, visit our website at: http://batten.virginia.edu/clsg