



Ian O'Boyle

845-325-9117 oboyle.ian@gmail.com 1493 15th Street Troy, NY

ianoboyle.com

//Objective

I am a Computer Science and Cognitive Science dual major looking to secure an internship to learn and contribute to an innovative project that bridges the gap between man and machine, and pushes towards the future.

//Education

Rensselaer Polytechnic Institute (2012-Present) - Bachelors of Science, Computer Science and Cognitive Science. Anticipated graduation date Spring 2016

Monroe-Woodbury High School (2008-2012) - Advanced Honors Regents Diploma, Boy's State Delegate

//Skills

C, C++, Python, Java, Lisp, Swift, MIPS, Windows, Mac OSX, Linux, Unix, ACT-R.
Adobe Creative Suite, Microsoft Office Suite, Virtualization, Rhino, Maya LT.

//Relevant Experience

CLASSWORK:

Extensive use of C in a wide range of contexts, including: creating a custom BASH shell, a TCP server, and numerous processor simulations. I am very comfortable with scripting languages such as python and java, and have implemented game AIs in these languages. I have developed game simulations and other software in C++. I have also worked on cognitive models that fit against famous psychological experiments in Lisp.

INDEPENDENT:

I have worked on numerous Arduino projects. I have expertise in shell coding and Operating Systems level implementation I have used Processing (Java API) to create generative designs. I have experience in shell coding and network programming. I also have a great deal of experience developing in LINUX, OS X and windows. I attended Boy's State leadership conference, and participated in numerous

COOK, WILLOW'S FAIR, NEW YORK RENAISSANCE FAIR – 2010-2011

Worked seasonally for the Willow's Fair booth at the New York State Renaissance Fair in Tuxedo, NY. Interacting creatively with customers using language from the Elizabethan era, Maintaining appropriate dress and behavior for the time period. Providing friendly and quality customer service, and preparing food in front of patrons.

ASSISTANT TO CAMP DIRECTOR THE ARCHEOLOGICAL PERSPECTIVE – 2008-2011

The Archaeological Perspective offers educational opportunities designed to bring children into contact with the tools, rules, materials and meanings of archaeology, as they can be understood in terms of State curricular goals for social studies, science, and the arts. Assisted in teaching and facilitating all camp activities under Dr. Geoff Purcell.

PERSONAL/VOLUNTEER WORK

I am a member of the Chi Phi fraternity. I enjoy rock climbing, mountain biking, playing music, modding video games and using my Oculus Rift. I enjoy spending time volunteering and fundraising for Mohawk Hudson Humane society, Relay for Life, Adopt-a-Highway, and St. Baldrick's Foundation.