

Kyle O'Grady

10 Clarkson Ave, -Box 6104
Potsdam, NY, 13699
802-355-1247, ogradyks@clarkson.edu

Education

Clarkson University, Potsdam, NY
Bachelor of Science: Digital Arts and Sciences and Computer Science

Graduation: May 2018
Cumulative GPA: 3.25

Skills

Programming Language Experience: C++, C#, Java, Perl, Javascript, HTML, CSS

Software: Adobe Photoshop, After Effects, Illustrator, Dreamweaver, Autodesk Maya, Microsoft Office

Professional Experience

Automation Engineer Intern - Allscripts, Burlington, Vermont

Summer 2017

- Worked on a team of Software Automation Engineers to extend a Selenium testing framework for Allscripts' *TouchWorks Electronic Health Record*.
- Created and maintained C# scripts that parsed the HTML of *TouchWorks*, providing automated smoke-tests of different functionality in the software.

Projects

Java - The Shapes Are Right

November 2016

- Created a JavaFX GUI that simulates the game "The Price is Right." The user guesses between shapes and their colors, and is given a score based on the correctness of their guesses through three trials.
- Incorporated event handling, animation, data structure manipulation, and styling.

Perl and HTML - Clarkson Quiz Website

November 2016

- Used HTML to create a simple quiz about Clarkson, which submits user's answers to a Perl script.
- Script calculates and displays the user's score, and lists the top five all-time scores from a text-file database.

C++ - Virtual Bank

January-March 2015

- Created a C++ program to simulate banking software.
- Allows users to complete basic banking functions, such as withdrawing and depositing funds.
- Generates objects such as bank-accounts, banks, and tellers, from data initialized in a file.

Autodesk Maya - Rube Goldberg Scene

March 2015

- Used polygon modeling and virtual physics to simulate an original Rube Goldberg scene.
- Created and rendered a virtual camera to effectively engage the viewer in the scene.

Activities and Leadership

Writer/Blogger - theTrek.co

November 2015 - Present

- Blogged about various backpacking topics and the culture surrounding the Appalachian Trail.
- Published articles on a Wordpress blog, which receives over 600,000 views per month.

Sigma Phi Epsilon - Assistant Housing Manager

August 2016 - Present

- Worked with the housing manager to establish and enforce cleaning duties, and communicate with the school administration about housing repairs, updates, and inspections.
- Gained experience working in a system of delegation, with the goal of achieving an overall desired outcome.

Clarkson University Outing Club - Pre-Orienta7on Trip Leader

August 2015

- Lead a four day backpacking-orientation trip in the Adirondacks for incoming freshman.