

# George Lamperis

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## Objective

Seeking an internship or co-op that will allow me to apply my programming and/or math background.

## Education

**Northside College Prep High School**  
GPA: 3.61/5.0

*Class of 2010*

**University of Illinois at Chicago (UIC)**  
Bachelor of Arts in Mathematics  
GPA: 3.11/4.0

*expected December 2014*

## Relevant Coursework

Computer Science:

- Discrete Structures I and II
- Programming Practicum (C programming)
- Algorithms I
- Machine Organization

Math:

- Calculus I-III
- Linear Algebra I
- Abstract Algebra I
- Analysis I
- Foundations of Number Theory

## Projects

- <https://github.com/Rusty-Shackleford/Rubiks-Python>  
This is my attempt at a Rubik's Cube solver. Unfortunately it is far from complete. However, I'm rather proud of the Permutation class I wrote.
- <https://github.com/Rusty-Shackleford/Rubiks-Cube>  
This project renders a Rubik's Cube using OpenGL. The user can rotate the camera and turn the faces of the Rubik's Cube using the keyboard and mouse.
- <https://github.com/Rusty-Shackleford/CTA-Tracker>  
An Android app which displays arrival predictions for CTA trains and buses using the CTA Train Tracker API and CTA Bustime API, respectively.

## Skills

- Languages - Java, C, C++, Python
- Linux - installation, configuration and usage.
- Familiar with common data structures and sorting algorithms

References available on request.