

## Profile:

Recent graduate with B.S. degree in Computer Science and strong educational background in programming, mathematics, and algorithm design. Highly proficient in C++ and object-oriented development, with excellent interpersonal abilities and a background in exercising professional communication skills, both written and oral. Seeking involvement in software development with a company that empowers both its employees and its consumers to change the world.

## Technical Summary:

**Languages:** C, C++, C#, Java, Python  
**Environments:** Microsoft Visual Studio, Eclipse, Unix  
**Focuses:** Object-Oriented Design, Artificial Intelligence, Applied Mathematics

## Education:

**University of Kentucky** **Lexington, KY**  
*B.S. in Computer Science* *May 2016*  
*Minor in Mathematics*  
GPA: 3.94, Summa Cum Laude, University of Kentucky Honors Program

### Relevant Coursework:

- |                        |                           |                           |
|------------------------|---------------------------|---------------------------|
| ▪ Discrete Mathematics | ▪ Matrix Algebra          | ▪ Graphics and Multimedia |
| ▪ Game Theory          | ▪ Artificial Intelligence | ▪ Operating Systems       |

## Projects and Experiences:

### **University of Kentucky Senior Capstone** **Jan 2016 – May 2016**

- Managed a team of three students to create a web application for Lexmark International, Inc.
- Used big data analysis and machine learning techniques with Java and R to predict customer activity at a Lexmark campus cafe.
- Regularly communicated with the client to provide updates, establish program specifications, and deliver external documentation.

### **Resident Advisor, University of Kentucky** **Aug 2014 – May 2016**

- Engaged a diverse community of residents with domestic and international backgrounds.
- Coordinated with community partners to orchestrate and facilitate in-hall programs.
- Regularly documented resident status, program results, and policy violations.

### **Honors Education Abroad in Paris, France** **Jul 2015**

- Studied and documented arts, culture, and history in Paris, France.
- Maintained journal on experiences and delivered oral presentation and research paper to instructors at the conclusion of the experience.
- Exercised a limited working proficiency in French to navigate and communicate with local residents and employees.

### **Spacehack, Semester Project** **Fall 2013**

- Developed a space-themed roguelike game using C++ and XML.
- Awarded the highest score of the class for quality and polish.

## Honors and Awards:

University of Kentucky Patterson Scholarship	2012-2016
National Merit Scholarship Award	2012
Kentucky Governor's Scholar	2011