

# Robert Clancy

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## Education:

### Bachelor of Science in Computer Science

- **Kansas State University**, Manhattan KS - 3.36 GPA
- Expected Graduation with B.S. in C.S. and Minor in Math by **May 2022**

#### *Relevant Coursework Completed:*

Data Structures and Algorithms, Logical Foundations of Programming, Calculus I, Calculus II  
Intro to Electrical Engineering, Programming Fundamentals, Discrete Mathematics, Object Oriented Design, C  
Language Lab

#### *Relevant Coursework in Progress:*

Database System Concepts, Algorithm Analysis, Computer Architecture and Operations, Differential Equations

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## Work Experience:

### Teaching Assistant | Kansas State University (CIS 400) – Manhattan, KS

01/2021-Present

I am currently working as an Undergraduate Teaching Assistant for CIS 400 - Object-Oriented Design, Implementation, and Testing – my duties involve helping my Professor with grading assignments and holding office hours 10-12 hours per week for any questions students might have about class topics and coursework.

### Technical Support Representative | Brinks Security - Saint Marys, KS

03/2015-08/2015

Provided solutions to operation issues for the users of Brinks Security systems, working attentively via phone, email, and live chat with end users. I also helped customers configure both the wireless and hardwired systems and learned how to program up to 6 different security systems.

### Shipping Clerk | The Onyx Collection - Belvue, KS

05/2017-Present

I am currently working full-time and part-time in the shipping department of the Onyx Collection, one of the world's largest lavatory, shower base, and shower panel manufacturing companies. As a shipping clerk my job requirements include: directing the truck loading process, accounting for inventory, operating heavy machinery, and ensuring that my crew achieves everything that is asked of it each day.

### Sales Representative | Southwestern Advantage - Nashville, TN

04/2019-07/2019

Worked as a D2D salesman for 11 weeks in the summer of 2019. Gained tons of valuable sales, communication, and leadership skills by talking to over 3,200 people in 77 days and sitting down with over 900 families. As a Southwestern Rep my day to day mainly consisted of helping families decide on certain education products, overcoming adversity, and working at least 13 hours, six days a week!

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## Projects:

### Truck Loading Program

I am currently writing a program in Python using the Pygame library. The program predicts where to put items into a truck. The program implements an interface, lists, linked lists, and a "predictor algorithm" that takes into account the center of mass, dimensions, and other variables of both the truck and the items in order to load the truck efficiently and then visualize how it is loading the truck to the user.

### Restaurant System Clone

I wrote a program in C# that functions like a point of sale at a restaurant. It is built using WPF and is a full-scale project with a complete backend system and user interface. The program allows a restaurant employee to take orders seamlessly. The project also has a small web app built with C#'s Blazor that allows a restaurant goer to search the menu.

### Python Asteroids Clone

I am currently writing a game in Python using the Pygame library. The gameplay imitates the classic game of Asteroids with moving enemies, shooting enemies, power-ups, sound-effects, a points system and much more. This game's development really helped me understand the importance of many Object Oriented Design concepts.

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## Languages and Technologies:

- C#, .NET, ASP.NET Core
- Python
- HTML, CSS