

# Wyatt Scott

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## EDUCATION

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**University Of Maryland, College Park** | Bachelor of Science in Computer Science

Expected May 2024

- GPA: 3.1/4.0
- UMD University Honors College Graduate

## PROJECTS

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### Unix based filesystem

- Designed a filesystem in C based on a Unix filesystem. Allowing users to create basic things that a file system would contain such as files, folders, etc. The project dealt with the use of a linked list data structure to replicate the architecture of a file system.

### Java Cell Game

- Used Java to create a board game that allows the user to clear the board of assorted colors as they fall down the screen. The goal being to keep the board clear for as long as possible. This involved working with a GUI and user interaction. Required me to actively test my own code by playing the game and simultaneously going back into the code to make edits.

### Rice Output Data Science Project

- Created a full poster and presentation using data retrieved from multiple national and international databases. Using skills in Rstudio such as data importation, table manipulation, and data visualization through graphs and tables, my team and I were able to make a clear presentation on where the optimal place for growing corn was located in the Southeast Asia region based on our analysis.

### Manual Makefile System

- Used C to build a makefile program from the ground up. Accomplished the goal of replicating all the functions of the C makefile functionality using system calls.

## EXPERIENCE

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### Seasonal Lifeguard

May 2022 - August 2022

Lifetime Health and Fitness Center | Gaithersburg, MD

- Assist patrons in distress in the water using a variety of techniques, preventing approximately 5-6 accidents a day
- Maintain water quality with chemicals, while also logging the results
- Maintain courteous interactions between myself and pool patrons

### Assistant Pool Manager

June 2017 - August 2021

RSV Pools | Clarksburg, MD

- Rescue distressed persons using a multitude of rescue techniques and equipment, preventing approximately 5-6 accidents a day
- Maintained pump room operations and mechanical elements to ensure proper pool function
- Encourage courteous interactions between staff and pool patrons
- Managed a staff of 4 to 5 guards a day, which included creating a schedule for employees while working around other's schedules

### Shop Attendant

Sept. 2016 - Dec. 2019

Butler's Orchard | Clarksburg, MD

- Assisted patrons in finding items around the store
- Assembled grocery and produce orders for customers
- Assisted with the retrieval and tie-down of Christmas trees for customers during the Winter holiday season

### Arora Hills Assistant Head Swim Coach

June 2014 - Aug. 2019

Arora Hills Swim Team | Clarksburg, MD

- Processed and produced optimized time reports and created meet lineups using specific software
- Taught around 200 children the proper stroke and turn technique