

Robert Lamb

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Education

College of William & Mary - Williamsburg, VA

Bachelor of Science in Computer Science and Data Science (Minor)

Expected May 2025

GPA: 3.4 (Dean's List)

Relevant Coursework: Data Structures, Discrete Math, Software Development, Algorithms, Computer Organization, Linear Algebra, Ethics in Data Science, Competitive Programming, Probability/Statistics

Leadership / Project Management:

- Kappa Alpha Order Fraternity Alumni Relations Chair
 - Organized and led Alumni Relations Committee to keep over 200 alumni engaged with the fraternity
 - Founded newsletter to provide updates on recent fraternity events

Technical Skills

- Python, Java, C, C++, Y86, Android Studio, Microsoft Office, Latex, Git, XML, HTML

Work Experience

Campus Recreation Referee - Williamsburg, VA

Mar 2023 - Present

Math and Computer Science Tutor - Remote

Sep 2021 - Present

- Managed small business tutoring four high school students via Zoom in subjects including Algebra, Geometry, and introductory Java
- Utilized neighborhood messaging board for client outreach

Head Lifeguard at Belle Haven Country Club - Alexandria, VA

May 2022 - Aug 2022

- Implemented group chat to facilitate discussion on scheduling and problem resolving for team of 15 employees
- Onboarding new lifeguards with daily routine and pool chemical maintenance

Projects

GeoLab Education (Python)

- Implemented PyTorch model that ingested satellite imagery data and test scores from the Philippines
- Utilized model to predict school test scores in countries that do not conduct standardized testing
- Achieved 2nd best model performance out of 12 students

Maze Game (Java)

- Developed Java maze game with fully-functional manual and automatic modes
- Used various algorithms, including Boruvka's algorithm, for dynamic maze generation
- Designed a wall-follower algorithm to automatically solve the maze
- Created game UI in Android Studio and made it playable on Pixel 6 API level 32 emulator

Personal Interests

- Football, Basketball, Hiking, Traveling