Mark Robinson

Statistician − Data Scientist − Computer Scientist

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EDUCATION

University of Minnesota, Duluth   Duluth, MN
B.S. in Statistics and B.A. in Computer Science   *Aug. 2018 – May 2022 (expected)*
4.0 Major GPA, 3.995 Cumulative GPA

Luverne Senior High School   Luverne, MN
4.0 Cumulative GPA   *Aug. 2014 – May 2018*

WORK EXPERIENCE

Building Materials Sales Associate   April 2020 – Present
Menards   *Hermantown, MN*
- Responsibilities include customer service, printing yard tickets, and stocking shelves.

Undergraduate Teaching Assistant   Aug. 2019 – January 2020
University of Minnesota Duluth   *Duluth, MN*
- Graded homework for Introduction to Probability and Statistics (Stat 3611).

Sales Associate/Manager   March 2016 – Jan. 2020
Schwalbach Ace Hardware   *Luverne, MN*
- Responsibilities include customer service, taking inventory, mixing paint, and taking care of bank deposits during closing.

PROJECTS

UMD Alive | *Android Studio, Java, Mongo Database*   Fall 2020
- Developed a media sharing fragment for each club within the UMD Alive App. The app allows users to upload and download images from their phone's saved photos to the club's media page.
- Collaborated on a team of five students in an agile scrum environment.
- Connected a database to Android Studio.

Problem Solver | *Android Studio, Java, States*   Fall 2019
- Implemented two brain teaser games: (1) The user must get the farmer across a river with a chicken, fox, and grain (2) The user must slide 8 numbered tiles in a 3x3 space until they are in numerical order.
- The project development was an iterative process by increasing the difficulty and improving the user interface throughout the semester.
- Coded the program to randomly generate the 8 tile problem, find the shortest solution, and then show the user the step by step solution.

SKILLS

Technical Skills: R/RStudio, SAS, Java, JavaScript, C++, Python, HTML/CSS, SQL, Databases, Git, Agile
Soft Skills: Analytical Thinking, Problem Solving, Leadership, Verbal & Written Communication

RELEVANT COURSEWORK

Mathematics: Calculus I/ II/III, Differential Equations, Discrete Math, Linear Algebra
Statistics: Introduction to Probability & Statistics I/II, Regression Analysis, Probability Theory, Statistical Inference
Computer Science: CS I/II, Software Analysis & Design, Organization & Architecture, Software Engineering
Spring 2021 Coursework: Probability Models, Database Management

HONORS AND AWARDS

UMD Best of Class Scholarship, UMD Math and Stats Department Barry and Kang James Scholarship, National Honors Society (NHS), MNSHL Triple A Award (Academics, Athletics, and Arts), Overall ACT Score of 30

INVOLVEMENT AND LEADERSHIP

UMD: Campus Crusades Worship Leader, Marching Band Drum Line, Tennis Club, Intramural Curling
LHS: Tennis, Basketball (Captain), Student Council (Class Treasurer), Band (Section Leader), Choir (President), Math League, Church Youth Group Mission Trips