

DARWIN KHAY

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EDUCATION

University of Virginia
B.S. Computer Science
GPA: 3.91 / 4.00

Charlottesville, VA
May 2023

RELEVANT COURSEWORK

Software Development Methods, Discrete Mathematics, Intro to Data Science with R, Linear Algebra, Program and Data Representation, Probability, Theory of Computation

SKILLS

Python, Java, C++, R, HTML, CSS, Javascript

PROJECTS

<https://darwinkhay.github.io/projects.html>

League of Legends Win Predictor

- An application that calculates the percentage chance to win a game of League of Legends with data 10 minutes into the game. This application was made by using the Electron framework and HTML/CSS/Javascript. The model was created using logistic regression in R.
- https://darwinkhay.github.io/leagueoflegends_winpredictionusingR.pdf

Maze Game

- A simple maze game where the user has to collect coins to advance to the next level among other obstacles. This game was coded using Python (specifically using the PyCharm IDE) and the pygame and gamebox libraries.
- <https://github.com/darwinkhay/ResumeProjects/tree/master/MazeGame>

ACTIVITIES & VOLUNTEERING EXPERIENCE

GIVE Youth Tutoring Program

Tutor and Center Manager

Alexandria, VA

September 2016 - June 2019

- Tutored students in grades K-6th in mathematics every Saturday for two hours
- Arranged meetings with co-manager to discuss status of tutoring sessions
- Processed and frequently updated sign-up information of tutors and students through Google Sheets/Microsoft Excel
- Took attendance of students and tutors through Google Sheets/Microsoft Excel
- Communicated weekly with tutors and parents of students via email with updates

Society of Asian Scientists and Engineers (SASE)

Member

Charlottesville, VA

August 2019 - Present

HOBBIES & INTERESTS

- I like watching ASMR videos and mukbangs on YouTube; I'm an avid Wizard101 Player and I also love Pokemon games