Dylan Wright

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10103 Bilteer Ct.

Santee, CA 92071

Professional Profile

➢ Software Developer experienced with Object-Oriented design, desktop applications, relational databases, and code optimization and refactoring

Education

➢ Bachelor of Science in Physics, University of California, Santa Barbara

Technical Skills

➢ Languages: C++, C#, Python, Java, HTML/CSS, Javascript, Golang
➢ Tools: Visual Studio, Unity, Git/Github, Windows Linux/Unix, SolidWorks/Autodesk

Website

➢ https://dylan-maxwell-wright.github.io/Dylan-Wright

Experience

Software Development – self-driven projects   2019

➢ Stochastic Modeling in the C++ Qt framework, designed animations, mathematical models, and a UI to control variables for customized simulations
➢ A stock tracking console program in C++ with options to buy and sell stocks. Saves the user's information, and updates their portfolio through online feeds with libcurl
➢ The Chinese board game Go written in Golang. Allows players to capture their opponent's pieces and build territories. Tallies captured territory and pieces to designate a winner. Can host a server to play online.

Trainer/Tutor, Prep Zone Academy, Singapore   2017-2018

➢ Built an online course through Teachable.com, a course development website. Used HTML/CSS to implement front-end features to improve user experience
➢ 1000+ hours teaching math and physics at the 3rd grade through 1st year University level in one-on-one and group class settings
➢ Learned, taught, and developed curricula for teaching around 10 unique tests, including the SAT, GMAT, MCAT, and international standardized tests
➢ Worked on a small team to develop the Business Admissions Test, a competitor to the GMAT for EMBA, currently used by international business schools

Private Tutor   2017

➢ Tutored individual university students in programming theory and application for introductory Python courses

Data Analysis, Undergraduate coursework   2016

➢ Modeled and analyzed physical data for uncertainty, lines of best fit, and correlation with Mathematica in a laboratory setting