Dylan Wright

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10103 Bilteer Ct.
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Professional Profile

- Software Developer experienced with Object-Oriented design, desktop applications, relational databases, and design principles

Education

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

Technical Skills

- Languages & Frameworks: Python, C++, Golang, Java, C#, Django, Qt
- Tools: Linux/Unix, Git/Github, Docker, Visual Studio, SolidWorks

Website

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

Experience

Software Development – personal 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 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