Dylan Wright

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I am a recent graduate looking for a Software Development Job. I taught math and physics in Singapore, where I also designed an online course for training students. In college, I joined a mini Baja team, where I learned engineering and design methods. I have taken various computer programming courses focusing on both implementation and foundational structures of computer science.

Education: University of California, Santa Barbara – *Santa Barbara, California*
Bachelor of Science in Physics – June 2017

Programming Experience

Projects

- Stochastic Modeling in the C++ Qt framework, designing, animations, mathematical models, and a ui to control variables for customized simulations. Models include random walks and Brownian motion.
- A stock tracking console program with options to buy and sell stocks, saves the user's information, and updates their portfolio through online feeds with libcurl

Other Experience

- Private tutored students for college introductory Python courses
- Modeled and analyzed physical data for uncertainty, lines of best fit, and correlation with Mathematica in a laboratory setting

Github: https://github.com/Dylan-Maxwell-Wright

Professional Experience

Prep Zone Academy – *Singapore, Sept 2017 – Nov 2018*
Trainer

- 1,000+ hours teaching math and physics at the 3rd grade through University level in one-on-one and group settings
- Built an online course through Teachable.com, an online course development website. Used HTML/CSS to design front-end features to improve user experience
- Learned, taught, and developed curricula for teaching around 10 unique tests, including SAT, GMAT, MCAT, and other international standardized tests
- Worked on a small team to develop the Business Admissions Test, a competitor to the GMAT for EMBA programs, which is currently used by international business schools

Technical Skills

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

Coursework

University of California, Santa Barbara

- CMPSCCS 1B, 1L, and 20, and CMPSC 8 – Computer programming and Organization, learned the basics of hardware and limitations, compilers, stacks, and the foundations of computer science. Also studied functional programming languages and their unique approaches to solving problems

Grossmont College

- CSIS 290 – C#, Object-oriented programming, control structures, classes, and error handling

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