

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

- 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
- A character tracker which creates a Dungeons and Dragons character object which takes user input for pre-made stats, or generates stats randomly, and tracks a character's actions and condition

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 Repos: <https://github.com/MTGraves94>

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, and currently used by international business schools

Technical Skills

Languages: C++, C#, Python, Mathematica, Java, HTML/CSS, Haskell

Tools: Visual Studio, Eclipse, Git/Github, Linux/Unix, WindowsOS, 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://mtgraves94.github.io/Dylan-Wright/>