

DANIEL WHITESIDE



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SUMMARY

Daniel Whiteside is looking for an entry-level developer or software engineer position to kickstart his career in tech. He has the necessary skills, background and discipline to excel at a junior or associate position.

In his current position, Daniel is a professional tutor with over a decade of experience teaching statistics, finance, calculus, computer science, and physics subjects at the high school and university level. Passionate, dedicated, and results-oriented – Daniel helps high-performers prepare for challenging courses and entrance exams.

SKILLS HIGHLIGHT

Strong background in math, physics, computer programming (Python/JavaScript/web coding), and analytical problem solving. Read the book "Teach Yourself C in 21 Days" when he was 12 years old. Also received training in classical guitar, professional coaching, and mindfulness meditation.

EXPERIENCE

MATHNASIUM NORTH AUSTIN – INSTRUCTOR/CURRICULUM WRITER

2012-2019

- Provided customized instruction to math students of all ages and skill levels.
- Developed curriculum for summer 'bootcamps' and advanced math topics.
- Helped students prepare for standardized exams including SAT, ACT, and AP Calculus/Physics/Statistics with a rigorous, data-driven methodology.

CREATR - DIRECTOR/HEAD TEACHER

2017 - 2021

Creatr provides private tutoring and classes for high-performing students. Subjects include Algebra, Trigonometry, Calculus, Physics, Chemistry, Accounting/Finance, Statistics, Computer Science, and test prep. Daniel's roles at Creatr are:

- provide high-quality tutoring to students of all skill levels
- build and maintain the WordPress website for Creatr's online presence

EDUCATION/TRAINING

CODECADEMY – WEB CODING/PROGRAMMING - 2022

- Studied fundamentals of web programming including HTML, CSS, JavaScript, and common web frameworks. Studied REACT framework for JavaScript interactive websites.
- Received certificates for HTML, CSS, Basics of JavaScript, Intermediate JavaScript, and ReactJS.

AWS – PRACTITIONERS ESSENTIALS - 2021

- Studied the basic infrastructure of Amazon Web Services, and how businesses can use these tools to develop software, keep data secure, and deliver high quality solutions to their customers.
- Learned the fundamentals of cloud development, network configuration, and how content is created and delivered securely through AWS systems.

KAGGLE – PYTHON AND MACHINE LEARNING - 2020

- Studied the basic ideas in the Python programming language and data wrangling techniques with Pandas DataFrames.
- Solve matrix equations, and build a python package for Bayesian inference (a statistical technique for inferring probability distribution using known priors).
- Received certificates for Python Basics, and DataWrangling with Pandas.

TEXAS A&M/ACC – ELECTRICAL ENGINEERING – 2010-2015

Texas A&M College Station/ Austin Comm. College (2010-2015)

- Took courses in engineering, advanced mathematics, business management, and astronomy.
- Withdrew 2015 for personal reasons.