DANIEL WHITESIDE

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SUMMARY

Daniel Whiteside is looking for an entry junior 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 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.

Web Development Skills: WordPress, HTML, CSS, JavaScript, React.js, MongoDB, Express, Python, Cloud Development, AWS, Docker, SQL, Git/version mgmt., REST APIs, Graphic Design.

WORK EXPERIENCE

FREELANCE – WEB DEVELOPER (2019-PRESENT)

- Design and build secure websites for small businesses and non-profits in the Austin, TX area using industry best-practices. Build sites with a variety of web technologies ranging from template sites to custom-built code with HTML, CSS, JavaScript, React, Express, and MongoDB.
- Provide design and build consulting for entrepreneurs, artists, and professionals looking to expand or establish a web presence.
- Troubleshooting and repairing common front-end and server-side issues like security certificate expiration, updating plugins, DNS routes, and login/authentication problems.

What I learned: I learned to be patient – really patient. The world of web development is complicated, and to succeed I need to understand the fundamentals at a deep level, frequently return to the basics, and make in-depth research/continuing education a daily habit.

MATHNASIUM NORTH AUSTIN – INSTRUCTOR (2012-2019)

- Used rigorous, data-driven methodology to help students prepare for standardized exams including SAT, ACT, and AP Calculus/Physics/Statistics and college courses. Establish and maintain a coaching relationship with students and communicate goals and expectations effectively.
- Developed curriculum for summer 'bootcamps' and advanced math topics.

What I learned: Teaching is intrinsically rewarding but doesn't pay well. Putting yourself in an academic environment can stretch your understanding and bring humility – I was in an environment where I was continually being asked to answer questions I didn't know the answer to, which is a great way to learn quickly.

CREATR - DIRECTOR/HEAD TEACHER (2017 – 2021)

- Built and maintain multiple iterations of website for Creatr's online presence using modern web best practices.
- Provided high-quality tutoring to students of all skill levels. Subjects include Algebra, Trigonometry, Calculus, Physics, Chemistry, Accounting/Finance, Statistics, Computer Science, and test prep.

What I learned: Running your own business requires continuous wearing of multiple hats, forces you to manage your time effectively, and demands prioritization – there is always more work to do than there is time.

TECHNICAL 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.

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.