William Zhen

2A Nanotechnology Engineering

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in linkedin.com/in/william-zhen
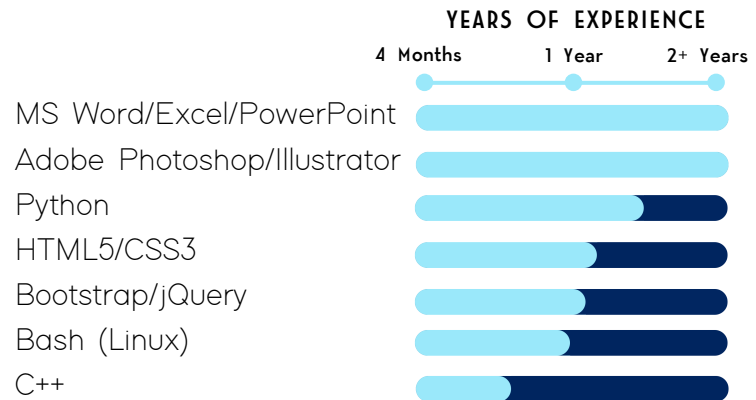
A passionate designer with strong adaptability skills seeking to learn more and willing to take on new challenges.

🎖 SUMMARY OF QUALIFICATIONS

- Self-motivated and determined in learning new complex concepts; self-taught Python, HTML, CSS and familiarized with React and Node.js
- Efficient independent and team worker willing to take initiative and complete tasks in a timely manner as a Media Publicity Executive
- Excellent analytical and problem solving skills demonstrated as a PC Support Technician
- Superb attention to detail developed by many years of visual arts and graphic designs
- Ability to work with minimal or no supervision

⚙ TECHNICAL SKILLS

YEARS OF EXPERIENCE

Skill	4 Months	1 Year	2+ Years
MS Word/Excel/PowerPoint			
Adobe Photoshop/Illustrator			
Python			
HTML5/CSS3			
Bootstrap/jQuery			
Bash (Linux)			
C++			

🖥 PROJECTS

Personal Website
📅 Jan. 2018 — Present

HTML5, CSS3, Bootstrap, jQuery, Photoshop
- Designed and planned a responsive personal profile that includes my skills, projects, and interests

Schrodinger's Equation
📅 Nov. 2019 — Present

Python (matplotlib, numpy, scipy)
- Simulating Schrodinger's equation and the properties of quantum mechanics in different step potentials
- Currently working on quantum tunneling, demonstrating the probability of a particle through a barrier
- Working towards a detailed and interactive simulation of quantum mechanics (app or website)

💼 EXPERIENCE

PC Support Technician, IT
📅 May. 2019 - Aug. 2019 📍 Vaughan, ON

Grand & Toy
- Planned and coded an automated user-data backup script for the Windows 10 deployment project using Batch script, becoming an integral component of user-data migration, cutting migration times and errors significantly
- Dedicated my free time during and after work hours to learn and code the file
- The script detects hidden folders and users on the computers, allowing for a thorough data migration
- The script notifies the user if there is an existing file of the same name, prompting the option to override

Media Publicity Executive
📅 Sep. 2016 - Jun. 2018 📍 Markham, ON

Student Activity Council
- Managed and worked with the visual and graphic design teams to produce banners and videos to promote events using MS Excel, Photoshop, After Effects, and Illustrator

🏛 EDUCATION

Candidate for Bachelor of Applied Science
📅 Sep. 2018 - Present 📍 Waterloo, ON

Nanotechnology Engineering
University of Waterloo

- Relevant Courses:
  - Computational method (Good understanding of MATLAB in simulations and numerical analysis)
  - Intro to Programming (Strong understanding of Python in numpy and matplotlib)

♥ INTERESTS

</> Web Development   ⚛ Quantum Mechanics   ⚙ Computer & Technology   ♞ Chess   ◐ 3D Modelling