

Will Carson

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Portfolio: WCarson0.github.io

EDUCATION

Boston University College of Engineering, Boston, MA
Bachelor of Science, Mechanical Engineering

Graduation May 2023

SKILLS & COURSES

Languages: Java, MATLAB, C, C++, Latex, Python

OS/Programs: Linux, MS Visual Studio, Solidworks

Skills: Free Body Analysis, Debugging, Dimensional Analysis, Machine Learning, CAD

Relevant Courses: Heat Transfer, Materials Science, Product Design, Instrumentation, Thermodynamics, Mechanics/Kinematics, Algorithms, Statistics/Data Science, Computer Organization, Differential Equations, Multivariable Calculus, Engineering Design, Logic Design, Circuits, Intro to Software Engineering, Linear Algebra

WORK EXPERIENCE

Carson & Noel PLLC, Issaquah, WA

Summer 2021, Summer 2022

Law Office Assistant

- Organized and managed client files and firm forms and pleadings
- Communicated with clients to schedule appointments; Assisted with litigation scheduling

Skyline Lacrosse Club, Sammamish, WA

Summer 2018, Summer 2019

Coach

- Served as defense coach on 3 middle school teams
- Focused on lacrosse skill development and building a team-based environment
- Established practice plans and executed defensive practices

ArbiterSports, Seattle, WA

March 2017 – April 2018

Referee

- Refereed youth lacrosse games with players aged kindergarten through high school
- Mediated high stress situations with focus and a level-head

LEADERSHIP

Boston University - Men's NCAA Division-1 Varsity Lacrosse, Boston, MA

September 2018- May 2022

Player

- Balanced rigorous full-time academic workload with over twenty hours of team practices, workouts, travel and games each week
- Operated cohesively with over sixty teammates during games and practices
- Demonstrated time management skills as the only engineering student on the team
- Patriot League Champions - 2022

ORCS (Operation Restoration Christian School), Kingston (Trenchtown), Jamaica

December 2017

Volunteer Mission

- Worked with underprivileged students 12-17 years old experiencing deficiencies in math and reading

Athletes for Kids, Sammamish, WA

September 2014 – August 2018

Mentor

- Mentored a boy with Downs syndrome every Sunday 2014-2018
- Encouraged mentee's growth with communication and social skills

ENGINEERING PROJECTS COMPLETED AT BOSTON UNIVERSITY

- Senior Design Project - Bipropellant Liquid Rocket Engine Test Stand for Triton Space Technologies
- Product Design Project - a claw machine, utilizing a compact cartesian motion system with 2.5 degrees of freedom
- Personal Moped Repair Project - restored a non-functional moped by addressing the ignition issue through precise soldering of internal wires and replacing worn brake pads
- AI Art Instagram Page – Create AI music videos leveraging new emerging technology for Instagram