Darwin.A.Lemus

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EDUCATION

University of North Carolina at Chapel Hill – Chapel Hill, NC   Expected May 2028
Bachelor of Science in Computer Science, Minor in Physics
Related Coursework: Data structures and analysis, Physics caculus based mechanics, Quantum Computing, Multivariable calculus, Descrete math
Honors:

> Gates Scholarship - highly selective, last-dollar scholarship for outstanding, minority, high school seniors from low-income households. Each year, the scholarship is awarded to exceptional student leaders, with the intent of helping them realize their maximum potential

> Robert Williamson Scholarship- awarded for outstanding academic achievement and covers the full cost of attendance. Recipients must demonstrate financial need, and preference is given to students who represent the first generation of their family to attend college

> Accelerated Research Program- Program offered to first year students to enhance their first year and assist in their research at Carolina.

> Honors Carolina - Highly-competitive academic program admitting 10% of each incoming class

TECHNICAL SKILLS

Programming Languages: Java, Phython, JavaScript, OnShape, Inventor, AutoCAD

RELEVANT EXPERIENCE

Research Assistant UNC Department Of Computer Science – Chapel Hill, NC   November 2024 - Present
- My work focused on preserving Fredrick P. Brooks Jr office in a VR setting using photogrammetry. Where I work with researcher Jim Mahaney.

Landscaper – Haverstraw, NY   June 2019 – Present
- I did landscaping for my dads company as well as working on snow removal

Lead Scenic Carpenter for my high schools stage crew– Haverstraw, NY   September 2021 – June 2024
- I led a team of carpenters to build and construct multistory sets for shows such as chicago and in the hights both sets were nominated for awards in the hudson valley

Lead Programmer for my FRC team – Haverstraw, NY   September 2021 – June 2024
- I led a team of programmers where we constructed a robtot capable of automated movement based upon QR codes called April tages, allowed the robot to position itself in real time, as well as human operated control.

MIT Introduction to Technology Engineering and Science– Remote   November 2023 – December 2023
- I took a robotics and science writing course where I designed, programed and constructed an affordable bionic hand that was both voice controlled and could sense when an object was near and close.

CAMPUS INVOLVEMENT

Helping Hands – Chapel Hill, NC   May 2023 - Present

- Member of helping hands UNC, a club where they work on designing and printing affordable prostethics for those who need it