

CARLOS NOYES

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Profile

Through home schooling, I completed my secondary education at fifteen years of age and entered the Engineering program at John Tyler Community College. During my years at John Tyler, I worked as a peer tutor in the areas of Math and Science. In the fall of 2012 I began the final two years of my undergraduate Engineering degree at the University of Virginia, where I worked as an undergraduate researcher. I am currently continuing my education through graduate school at the University of Virginia. I am highly motivated to learn, hardworking, and gifted in Math and Science. In 2016 I will be seeking a position that will encourage me to continue to learn and develop new skills in an engineering related career.

Technical Skills/Proficiencies

- Programming in Java and VBA
- Experience with Excel, Matlab, and Mathcad
- Experience with CAD software
 - Solid Works Associates Certified
- Familiarity with Spanish and Portuguese

Work Experience

University of Virginia Charlottesville, VA
Under Graduate Researcher May 2013 – Present

- Presented research at international nanotechnology conference
- Developed an electrically conductive super hydrophobic surface coating
- Tested super hydrophobic heat transfer elements for CAES applications

NCAS

Student Researcher June 2012

- NASA run student program
- Researched, designed, organized, and presented a complete mission to mars
- Participated in an engineering design competition judged by NASA engineers

John Tyler Community College Chester, VA
Tutor January 2010 – May 2012

- Provided online and in person tutoring through both individual and group sessions
- The highest level math and physics tutor at the center, tutoring through Differential Equations, Vector Calculus, and Electromagnetism

Hopewell High School

Hopewell, VA

Tutor

January 2012 – March 2012

- Tutored groups of up to 20 students at a time
- Helped students to pass the Standards of Learning test

Education

Bachelor of Science, Mechanical Engineering

May 2014

University of Virginia

Charlottesville, VA

- Current GPA: 3.61
- Graduated With Distinction

Associate of Science, Engineering

May 2012

John Tyler Community College

Chester, VA

- GPA:3.81
- Graduated Summa Cum Laude

High School Diploma

May 2009

Home school

Colonial Heights, VA

- GPA: 4.0
- Advanced Diploma

Awards/Accomplishments

- Pi Tau Sigma Honor Society April 2013
- Graduated Summa Cum Laude May 2012
John Tyler Community College
- Academic achievement award May 2012
John Tyler Community College
- Phi Theta Kappa honor society April 2011
- Dean's list, John Tyler Community College December 2009
- Honor's list, John Tyler Community College May 2010 – Fall 2011
- Tutor of the Semester, John Tyler Student Success Center May 2011