Derek Hall

3000 Northside blvd. #1120 Richardson, TX 75080

972-953-7718

DTH150130@utdallas.edu

Objectives

I am looking to learn. I am seeking to pursue anything that can give me experience with software development. My interests in computer science are primarily in machine learning, artificial intelligence, and automated theorem proving. In mathematics, my primary interests are in abstract and modern algebra. My short-term goals in computer science are to learn about mobile development. My short term goals in mathematics are to continue to educate myself and to set up a video lecture series that allows others access to a better mathematical education.

Education

Gunter High School 2011-2015 GPA: 3.963

- Two time BEST robotics state competitors
- Two time area level UIL mathematics competitor
- 12th grade - State alternate for UIL Biology

University of Texas at Dallas 2015-2019 GPA: 3.556

- Majors: Mathematics and Computer Science
- Member of the Collegium V honors program
- Academic Achievement scholarship recipient

Experience

Boy Scouts of America Troop 296 – Eagle Scout

Crew 138 Trail Guide August 2010 – March 2012

- Instructor - Taught scout troops how to ride horses and information about horsemanship
- General Staff - Lead trail rides and was trained for the dangers involved with riding

United States Naval Academy Summer Seminar participant – summer 2014

National Student Leadership Conference in Engineering – summer 2014

International Foundation for Research in Experimental Economics participant – summer 2013

Summer Mathematics Institute – summer 2011

Gunter High School BEST robotics competition 2009-2014

- Vice President – 2014
- Head of Software Development – 2014

Skills

- MOS certificate in Microsoft Word and Excel
- Prefer working with Python, C++, or Java
- Have also worked with C, Javascript, TI-BASIC, Git, HTML and CSS