

Nathan Sauder

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Education:

Bachelors of Science in Mechanical Engineering, May 2013
University of Florida, Gainesville, FL
GPA: 3.91

Experience:

Mechanical Systems Design 2011 - Present
Subjugator Project, Machine Intelligence Laboratory, University of Florida
www.subjugator.org

- Designed mechanical components from scratch including actuated gripping mechanism and pressure vessels.
- Manufactured mechanical components using non-Computer Numeric Controlled machinery and rapid prototyping device
- Used Computer Aided Design program to model preexisting parts for use in design of related components

Research 2013
Research performed under Dr. Henry Sodano

- Micro-adhesion testing of epoxy on Kevlar fibers

Office Assistant – Special Projects 2009 - 2011
Capital Services Group, Ponte Vedra Beach, FL

- Performed data entry and database upkeep including plan setup and preparation for new clients
- Assisted in processing distribution and loan applications

Soccer Referee 2007 - 2010
FSR certified Grade 8 referee
Services rendered to Ponte Vedra Soccer Club

- Maintained player safety
- Managed game environment including fan, coach, player, and referee interactions
- Upheld and enforced the laws of the game

Skills:

- Solidworks CAD Program
- C++, MatLab, and LabVIEW Programming Languages
- Non-Computer Numeric Controlled Manufacturing
- SimuGrid Finite Element Analysis Software
- Microsoft Office

Other Activities:

Intervarsity Christian Fellowship at the University of Florida
President, 2012 – 2013
Treasurer, 2011 – 2012

Botball Robotics Program
Youth Advisory Council Member, 2009 –2010

President of Nease High School Team, 2009 –2010
Member of Nease High School Team, 2006 –2010

Youth Quake Live

Intern and Drama Team Leader, 2009 –2010
Cast Member, 2006 –2009