

Dan Nichols

Daniel Nichols

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Objective

To gain work experience in engineering.

Skills

- Microsoft Office
 - Problem solving
 - System design
 - Java programming for Windows and Android
 - SOLIDWORKS, limited Inventor and AutoCAD
 - Machining
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Experience

FIRST Robotics: Team 548- Robostangs / Manufacturing lead

JUNE 2016 - PRESENT, NORTHVILLE, MI

Although not a paying job, hours approach full time during peak season.

- Coordinating machining and electrical operations
- Design for manufacture optimization
- CNC machine operation and programming
- System Integration
- Inventory management/ involvement in the purchasing process

FIRST Robotics: Team 548- Robostangs / Electrical lead

SEPTEMBER 2015 - JUNE 2016, NORTHVILLE, MI

- Wiring electrical systems
- Machining

FIRST Robotics: Team 548- Robostangs / Playing field build lead

SEPTEMBER 2014 - SEPTEMBER 2015, NORTHVILLE, MI

- Designing and constructing wooden structures
- Assisting in electrical operations

FIRST Robotics: Team 548- Robostangs / New Member

SEPTEMBER 2013 - SEPTEMBER 2014, NORTHVILLE, MI

- Design and manufacture of robot systems
 - Electrical apprentice
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Education

Northville High School / Engineering-focus

SEPTEMBER 2013 - JUNE 2017, NORTHVILLE, MI

GPA as of 4/2017: 3.96/4

SAT: 1510 (720 EBRW, 790 Math)

Currently enrolled in A.P. Physics C and A.P. Calculus among other advanced classes. Also enrolled in CAD and engineering classes. On track to graduate summa cum laude. Planning to pursue a BSE EE.

Awards / Certifications

5/2015 - Certified SOLIDWORKS Mechanical Design Associate

Certificate ID: C-4UXK7GPK55

1/2016 - Letterman in Academic Excellence from Northville High School