JAMES ROBERT TARR

219 Littleton St. Apt 15, West Lafayette IN, 47906
260-804-6433 ◆ jrtarr@purdue.edu

OBJECTIVE

To gain first-hand experience in technology and science, as well as the workplace as a whole, through the guidance of experienced people in the fields of Product Lifecycle Management (PLM) and Computer Aided Design (CAD).

EDUCATION

Purdue University, West Lafayette, IN
Senior majoring in Computer Graphics Technology, Virtual Product Integration, and Web Programming and Design (GPA 3.22) — Class of 2017

North Side High School, Fort Wayne, IN — Class of 2013
Graduated 5th in a class of 300 with Academic Honors

EMPLOYMENT

Textron Leadership Development Program IT Internship	June 2017-Aug. 2017
Purdue University ITaP Security	Sept. 2014-Present
Fort Wayne Community Schools Technology Dept.	June 2014-Aug. 2014
Fazoli's Italian Restaurant	Aug. 2011-Aug. 2014

PROJECTS

- **CATIA Roller**: Used CATIA to adapt provided part models to new specifications, import 3D part files from McMaster Carr online catalogue, combine models into an assembly, and write a machining program to create the parts.
- **CATIA Trumpet**: Used CATIA to model individual parts of a trumpet, then created an assembly model of the parts and rendered the final product.
- **Matlab GUI**: Designed and programmed a MATLAB GUI for Delphi Automotive that used their radar detection to determine if a vehicle was in the driver's blind spot and returned visual warnings and an animated graphical representation of all nearby threats.
- **Freelance Theb45s.com**: Designed and maintain website for Fort Wayne rock band, The B45's.
- **Freelance Execuwell.com**: Designed and maintain website for Indianapolis-area wellness consultancy firm, Execuwell.
- **Freelance Muzicard**: Created multiple web graphics and animations for Muzicards.com.

SKILLS

- Proficient in CATIA, HTML5, CSS3, Javascript, jQuery, Adobe Photoshop, Illustrator, and the Microsoft Office Suite.
- Some experience with NX 9, Rhino3D, Google Sketchup, C, C#, .NET, PHP, MySQL, MSBuild, Jenkins, Adobe Flash, InDesign, and Matlab.

ACTIVITIES

- Vice President of Purdue Magic Club (2015-2016 School Year).
- Section leader for North Side Marching band for 2 years.
- Started, lead, and maintained 3 personal bands, managing rehearsal meetings, performance deals, and band funds.