

BEN MAXFIELD	6581 Willow Dale Court, Hamilton, OH 45011		
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Education

Purdue University, West Lafayette, Indiana	May 2019
Bachelor of Science in Computer Science	
St. Xavier High School, Cincinnati, Ohio	June 2015
	GPA: 4.0/4.0

Experience

R&D Intern	LexisNexis Group	Dayton, OH
<ul style="list-style-type: none"> Applied R and Tableau to analyze patterns in user analytics data retrieved dynamically from Elastic Search in order to create a model that identifies frustrated users. Coordinated with other R&D software engineers and consultants to implement new user analytics metrics that I designed. 		
Asst. Server	Bravo Brio Restaurant Group	West Chester, OH
<ul style="list-style-type: none"> Accommodated the needs of the serving staff and ensured the smooth transition of patrons leaving the restaurant to the patrons taking their place. 		
Team Captain	FIRST Tech Challenge Team 4969 Robot-X	Finneytown, OH
<ul style="list-style-type: none"> Led the team of 10 members and operated the robot in competition. My responsibilities during development were to communicate with the Design Team on building requirements, develop a design for the implementation of the requirements, delegate and supervise the creation of the code using the Scrum methodology, and test and debug the code on the robot to ensure reliability. Team YouTube Channel: https://www.youtube.com/channel/UC2PAn_4ZjRgFEkqnHFQVDkQ 2015 CAD Design Overview: https://www.youtube.com/watch?v=kTsrAMcafVE 		

Computer Skills

Software:	Languages:																
<ul style="list-style-type: none"> Git UNIX Terminal Eclipse IntelliJ IDEA Tableau Microsoft Office Suite 	<table border="1"> <thead> <tr> <th>Language</th> <th>Proficiency Level (approximate)</th> </tr> </thead> <tbody> <tr> <td>Java</td> <td>90%</td> </tr> <tr> <td>R</td> <td>85%</td> </tr> <tr> <td>Apache Click</td> <td>75%</td> </tr> <tr> <td>CSS</td> <td>65%</td> </tr> <tr> <td>HTML</td> <td>60%</td> </tr> <tr> <td>JavaScript</td> <td>45%</td> </tr> <tr> <td>C</td> <td>Learning next semester...</td> </tr> </tbody> </table>	Language	Proficiency Level (approximate)	Java	90%	R	85%	Apache Click	75%	CSS	65%	HTML	60%	JavaScript	45%	C	Learning next semester...
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Extra-Curriculars & Projects & Honors

IEEE Member	Remote Operated Underwater Vehicles Committee, Embedded Software
ACM Member	Artificial Intelligence Group
3D Optimization Project	Java 3D program calculates the optimal position of different sized balls in a cylinder for a maximum balls to height ratio
Mathematics Honor Society	Mu Alpha Theta Initiate as of 2014