

# Ryan Stumbaugh

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## Objective

To gain insight into the computer science industry and learn by actively contributing to projects

## EDUCATION

<b>University of Maryland, College Park</b>	<b>Class of 2019</b>
<ul style="list-style-type: none"><li>Bachelor of Science in Computer Science</li><li>Member of College Park Scholars (Business, Society, and the Economy)</li></ul>	
<b>Pennsbury High School</b>	<b>Class of 2015</b>
<ul style="list-style-type: none"><li>GPA 4.6, Ranked in top 5% of class of 779</li></ul>	

## SKILLS

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|---|---|
| <ul style="list-style-type: none"><li>Java, Python</li><li>HTML5, CSS3</li><li>JavaScript, jQuery, three.js</li></ul> | <ul style="list-style-type: none"><li>Experience with TCP/IP networking</li><li>Proficient in Spanish</li><li>Experience with responsive web design</li></ul> |
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## RELATED EXPERIENCE

<b>PClassic Programming Competition</b>	<b>2011 – 2015</b>
<ul style="list-style-type: none"><li>Solved intensive and complex programming problems at University of Pennsylvania with a team</li><li>Placed 4<sup>th</sup> out of 100 teams from various regions</li></ul>	
<b>Independent Projects</b>	<b>2011 – present</b>
<ul style="list-style-type: none"><li><b>Battleship</b> – game of Battleship that can be played either against a computer or over LAN with a partner</li><li><b>Castle Attack</b> – castle defense game with visually appealing graphics and realistic physics</li><li><b>SolarSim</b> – realistic 3-D space simulator written in JavaScript with accurate orbital motions and physics</li><li>To view and download these projects, please visit <a href="https://rstumbaugh.github.io">https://rstumbaugh.github.io</a></li></ul>	

## WORK EXPERIENCE

<b>Trenton Country Club, Tennis Instructor</b>	<b>Summer 2015</b>
<ul style="list-style-type: none"><li>Managed tennis drills of 5-7 players, young and old alike, and gave one-on-one instructional private lessons</li></ul>	
<b>HCR ManorCare, Dietary Aide</b>	<b>July 2013 – May 2015</b>
<ul style="list-style-type: none"><li>Prepared trays of food, poured coffee, and provided meals for 100+ residents of nursing home</li><li>Washed all trays, plates, silverware at end of each meal</li></ul>	
<b>YMTennis, Tennis Instructor</b>	<b>2009 – July 2013</b>
<ul style="list-style-type: none"><li>Facilitated courts of 5-7 young children from ages 4 – 13 and taught them the fundamentals of tennis</li></ul>	

## LEADERSHIP EXPERIENCE

<b>National Honor Society, Technology Liaison</b>	<b>2014 – 2015</b>
<ul style="list-style-type: none"><li>Provided technical support to teachers in charge of society as well as help organize graduation of class of 2014</li></ul>	
<b>Varsity Tennis, Captain</b>	<b>Member 2012 – 2014, Captain 2015</b>
<ul style="list-style-type: none"><li>Coordinated uniform orders for team of 36 (involved getting sizes, collecting money, distributing shirts)</li><li>Motivated all members of team before every match with pre-game pep talk</li></ul>	
<b>Programming Club, President</b>	<b>Member 2011 – 2014, President 2015</b>
<ul style="list-style-type: none"><li>Assisted underclassmen and peers in learning Java and other programming concepts</li><li>Organized two trips to University of Pennsylvania for programming competition (creating teams and carpools)</li></ul>	

## HONORS

<b>Matthias Gutjar Award</b>	<b>May 2015</b>
<ul style="list-style-type: none"><li>Awarded to one senior on Varsity Tennis team for leadership, citizenship, and sportsmanship</li></ul>	
<b>National Spanish Exam Junior Travel Award</b>	<b>Summer 2014</b>
<ul style="list-style-type: none"><li>1 in 16 nationally to be awarded an all-expenses-paid trip to Spain based on written and spoken Spanish ability</li></ul>	