

# Ryan Stumbaugh

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## Objective

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

## EDUCATION

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<b>University of Maryland, College Park</b>	<b>Class of 2019</b>
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- Bachelor of Science in Computer Science, GPA 3.81
- Member of College Park Scholars (Business, Society, and the Economy)

<b>Pennsbury High School</b>	<b>Class of 2015</b>
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- GPA 4.6, Ranked in top 5% of class of 779

## SKILLS

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

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<b>PClassic Programming Competition</b>	<b>2011 – 2015</b>
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- Solved intensive and complex programming problems at University of Pennsylvania with a team
- Placed 4<sup>th</sup> out of 100 teams from various regions

<b>Independent Projects</b>	<b>2011 – present</b>
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- **Battleship** – game of Battleship that can be played either against a computer or over LAN with a partner
- **Castle Attack** – castle defense game with visually appealing graphics and realistic physics
- **SolarSim** – realistic 3-D space simulator written in JavaScript with accurate orbital motions and physics
- To view and download these projects, please visit <https://rstumbaugh.github.io>

## WORK EXPERIENCE

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<b>Trenton Country Club, Tennis Instructor</b>	<b>Summer 2015</b>
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- Managed tennis drills of 5-7 players, young and old alike, and gave one-on-one instructional private lessons

<b>HCR ManorCare, Dietary Aide</b>	<b>July 2013 – May 2015</b>
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- Prepared trays of food, poured coffee, and provided meals for 100+ residents of nursing home
- Washed all trays, plates, silverware at end of each meal

<b>YMTennis, Tennis Instructor</b>	<b>2009 – July 2013</b>
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- Facilitated courts of 5-7 young children from ages 4 – 13 and taught them the fundamentals of tennis

## LEADERSHIP EXPERIENCE

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<b>National Honor Society, Technology Liaison</b>	<b>2014 – 2015</b>
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- Provided technical support to teachers in charge of society as well as help organize graduation of class of 2014

<b>Varsity Tennis, Captain</b>	<b>Member 2012 – 2014, Captain 2015</b>
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- Coordinated uniform orders for team of 36 (involved getting sizes, collecting money, distributing shirts)
- Motivated all members of team before every match with pre-game pep talk

<b>Programming Club, President</b>	<b>Member 2011 – 2014, President 2015</b>
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- Assisted underclassmen and peers in learning Java and other programming concepts
- Organized two trips to University of Pennsylvania for programming competition (creating teams and carpools)

## HONORS

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<b>Matthias Gutjar Award</b>	<b>May 2015</b>
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- Awarded to one senior on Varsity Tennis team for leadership, citizenship, and sportsmanship

<b>National Spanish Exam Junior Travel Award</b>	<b>Summer 2014</b>
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- 1 in 16 nationally to be awarded an all-expenses-paid trip to Spain based on written and spoken Spanish ability