Ryan Stumbaugh

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Objective

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

EDUCATION

University of Maryland, College Park   **Class of 2019**

- Bachelor of Science in Computer Science, GPA 3.81
- Member of College Park Scholars (Business, Society, and the Economy)

Pennsbury High School   **Class of 2015**

- GPA 4.6, Ranked in top 5% of class of 779

SKILLS

- **Java, currently studying C**
- **HTML5, CSS3**
- **JavaScript, jQuery, three.js**
- **TCP/IP networking and responsive web design**
- **Experienced in Microsoft Office**
- **Proficient in Spanish**

RELATED EXPERIENCE

PClassic Programming Competition   **2011 – 2015**

- Solved intensive and complex programming problems at University of Pennsylvania with a team
- Placed 4th out of 100 teams from various regions

Independent Projects   **2011 – present**

- **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

Trenton Country Club, *Tennis Instructor*   **Summer 2015**

- Managed tennis drills of 5-7 players, young and old alike, and gave one-on-one instructional private lessons

HCR ManorCare, *Dietary Aide*   **July 2013 – May 2015**

- 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

YMTennis, *Tennis Instructor*   **2009 – July 2013**

- Facilitated courts of 5-7 young children from ages 4 – 13 and taught them the fundamentals of tennis

LEADERSHIP EXPERIENCE

National Honor Society, *Technology Liaison*   **2014 – 2015**

- Provided technical support to teachers in charge of society as well as help organize graduation of class of 2014

Varsity Tennis, *Captain*   **Member 2012 – 2014, Captain 2015**

- 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

Programming Club, *President*   **Member 2011 – 2014, President 2015**

- 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

Matthias Gutjar Award   **May 2015**

- Awarded to one senior on Varsity Tennis team for leadership, citizenship, and sportsmanship

National Spanish Exam Junior Travel Award   **Summer 2014**

- 1 in 16 nationally to be awarded an all-expenses-paid trip to Spain based on written and spoken Spanish ability