Ryan Swope
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Education

Middlebury College (May 2018)   **Middlebury, VT**
- Bachelor of Arts candidate, Computer Science major, Philosophy minor
- GPA: 3.58 (Cumulative), 3.67 (Major)
- College Scholar (1 semester), Dean's List (1 semester)
- Relevant Coursework: Statistics, Calculus II, Discrete Mathematics, Data Structures, Computing for the Sciences, Theory of Computation, Algorithms and Complexity (Spring 2017)

Work Experience

System Engineering Intern   **King of Prussia, PA**
Evolve IP (Summer 2016)
- Bash and Python scripting
- Oversaw company servers from a Linux Admin perspective, monitoring performance/memory usage
- Configured host-dependency amongst company servers for host groups,
- Tested various scripts and servers
- Completed several front-end/HTML web projects for improved design and functionality
- Developed a proficiency in the Linux command line and Linux file systems

Lab Research Intern   **Philadelphia, PA**
University of Pennsylvania Center for Sleep Lab (Summer 2014)
- Prepared various solutions and samples for research purposes
- Observed microscopy results for neurological damage, gathered data in Excel
- Collected and analyzed data from my findings from a statistical standpoint and presented these findings graphically to lab director, Dr. Veasey

Assistant Tennis Instructor   **Havertown/King of Prussia, PA**
Llanerch Country Club/Martin's Dam (2012-2015)
- Communicated effectively with members of all ages through instructing them and accommodating their needs daily
- Organized clinics for members and mentored new staff members
- Increased tennis program attendance from 45-50 members to 120 members over one-year span with the help of head tennis professional and other instructors
- Provided private and specialized instruction to members as needed

Skills and Strengths

General Computer Skills: Proficient in Microsoft Excel, Word, PowerPoint, Outlook
Programming Languages: Proficient in Java and Python (comfortable with object-oriented programming). Comfortable with bash and Python scripting, HTML/CSS. Basic knowledge of R, Matlab, and MySQL.
Design/IDE: Eclipse, Spyder
Operating Systems: Comfortable with Mac OS and Linux systems and command lines
Professional Skills and Strengths: Self-motivated learner, quick learner, excellent work ethic, excels in team settings, experienced problem-solver and critical thinker

Additional Activities

Activities: Member of the Men's Varsity Squash Team and Middle Endian Club