AREN M. VOGEL

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EDUCATION

University of Michigan, Ann Arbor, Michigan   **May 2017**
Bachelor of Science in Computer Science   GPA 3.75/4.00
- Earned 79/120 credits
- Awarded University Honors for earning above a 3.5 in a semester (every semester)
- Electing Eta Kappa Nu Honors Society
- Member: Computer Science Honors Society, MHacks
- Relevant Courses: Elementary Programming Concepts, Programing & Introductory Data Structures, Data Structures & Algorithms, Discrete Mathematics, Foundations of Computer Science, Web Databases & Information Systems, Information Retrieval and Web Search

Walter Johnson High School, Bethesda, Maryland   **May 2014**
- ACT: 34/36   GPA 3.70/4.00
- Molecular Biology SAT Subject Test: 780/800, Math II SAT subject Test: 780/800
- Average Score on 11 Advanced Placement Examinations: 4.3/5.0

TECHNICAL EXPERIENCE

University of Michigan, EECS Department, Bethesda, MD   **January 2016 – Present**
Foundations of Computer Science Teaching Assistant
- Selected as a teaching assistant for the 300 level course Foundations of Computer Science based on my dedication to the Computer Science Department and strong intrapersonal skills
- Utilized analytical skills to evaluate approximately 60 student assignments on a weekly basis, maximizing their ability to thoroughly comprehend assigned coursework
- Acquired experience in providing concise and useful feedback to students

University of Michigan, Information Technology Services, Ann Arbor, MI   **September 2014 – May 2015**
Computer Showcase Consultant and Technician (10 hours/week)
- Diagnosed and repaired software and hardware issues for students and faculty
- Received training in repairing Windows, Mac, and Linux machines
- Attended numerous instruction sessions to enhance my understanding of customer service policy

PROFESSIONAL EXPERIENCE

Aristotle Circle and Private Tutoring, Bethesda, MD   **September 2013 – August 2015**
Tutor (10 hours/week)
- Worked closely with K-12 students in STEM coursework to increase comprehension and grades resulting in an average increase of one letter grade
- Developed action plans based on the individual needs of the 40 different students I worked with
- Improved oral communication skills by explaining complex concepts using easy-to-understand terms

Lighthouse and Community Pools, Bethesda, MD   **May 2013 – September 2013**
Head Lifeguard (30 hours/week)   **May 2012 – September 2012**
- Promoted to head lifeguard after my first summer by demonstrating strong leadership skills and work ethic

LEADERSHIP EXPERIENCE

Pi Kappa Alpha Fraternity, Ann Arbor, MI   **September 2014 – Present**
Fundraising Chair
- Assisted in facilitating our largest philanthropic event, Rivalry Run. The event includes running the game ball for the Michigan vs. Ohio State football game from Ann Arbor to Ohio State
- Generated over $120,000 for the Michigan Comprehensive Cancer Center
- Interacted with local businesses to negotiate and secure corporate sponsorship in the Ann Arbor area

COMPUTER SKILLS

Programming Languages: C++, Python, HTML, JavaScript, CSS, SQL
Applications: Microsoft Office, Adobe Photoshop, Adobe Illustrator