

Jacob Kalt

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Education

Michigan State University, East Lansing, MI
B.S. Computer Science | B.S. Computational Mathematics
Minor in Environmental and Sustainability Studies
GPA: 3.95/4.00

May 2019

Skills and Relevant Coursework

- Proficient in C++, Python
- Experience with Java, C, SQL, PHP, JavaScript
- Computer Organization/Architecture (CSE 320)
- Algorithms and Data Structures (CSE 331)
- Object-Oriented Design (CSE 335)

Experience

Teachers in Social Media Project, Research Assistant – East Lansing, MI September 2018 – Present

- Utilized the Pinterest API to analyze how teachers use the social media network
- Applied machine learning and big data concepts to help understand instructional content and teachers' networks at scale

MSU Information Technology, IT Intern – East Lansing, MI June 2018 – Present

- Assisted in university-wide migration to Office 365 and campus active directory domain
- Guided a group of high school students assisting with the migration project
- Worked with end users to resolve email problems
- Collaborated with other interns to ensure excellent customer service

Kehillat Israel Congregation, Religious School Teacher – Lansing, MI January 2018 – Present

- Supervised and guided children in completing lessons and projects
- Provided personal attention to students to help keep them focused and on-track
- Effectively communicated with team members to coordinate teaching tasks

Northpointe Eye Specialists, Technical Intern – Royal Oak, MI May 2017 – August 2017

- Managed and assisted with computer and technology related issues
- Increased productivity with electronic medical record software
- Provided excellent customer service to patients

Activities

Engineers for a Sustainable World MSU – East Lansing, MI September 2016 – Present

Vice President 2018-2019 | Webmaster 2017-2018 | Project Leader 2016-2017

- Oversaw a team of four project leaders to ensure successful projects
- Redesigned and maintained club website, social media, and graphics
- Led a team to develop a mobile vermicomposting display for the Detroit Zoo
- Attended and fundraised over \$3000 for annual conference in April 2017 and 2018

Spartan Speech – East Lansing, MI October 2017 – Present

- Helped start club to promote speech activities in high schools throughout Michigan
- Planned a speech tournament for high school students at Michigan State University

MSU Jewish Student Union – East Lansing, MI September 2016 – Present

Teva Outdoors Club Chair 2018-2019 | Teva Committee 2016-2018

- Planned and led events focusing on nature and sustainability
- Promoted environmental responsibility through outdoor activities and workshops

Honors and Awards

Ray Giffels Memorial Engineering Scholarship July 2018

The Phi Beta Kappa Society, Elected junior year April 2018 – Present

Dean's List, Six semesters December 2015 – May 2018