

## JOSEPH SHOYER

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<b>EDUCATION</b>	<b>UNIVERSITY OF MICHIGAN</b> <b>College of Engineering</b> Bachelor of Science in Computer Science, April 2022 <ul style="list-style-type: none"><li>• GPA: 3.75/4.00</li><li>• Engineering Global Leadership Honors Program</li><li>• Dean's List: Fall 2018, Winter 2019, Fall 2019</li><li>• Relevant coursework: Web Systems, Accounting Principles, Advanced Analytics for Management Consulting</li></ul>	<b>Ann Arbor, MI</b>
<b>EXPERIENCE</b>	<b>RUMBLEUP</b> <b>Development Associate Intern</b> <ul style="list-style-type: none"><li>• Modified a large existing codebase running a turnkey SMS messaging platform for businesses, political campaigns, and health organizations, featuring a progressive cross platform web application</li><li>• Designed and implemented a proprietary machine learning model for predicting the response rate of outgoing message campaigns, which performed better than seven existing regression algorithms</li><li>• Implemented a "Dark Mode" for the platform featuring storage for user preferences across sessions</li></ul>	<b>Washington, DC, DC</b>
<b>2020-Present</b>		
<b>2018-2019</b>	<b>WOLVERINE BLOCKCHAIN</b> <b>Director of Marketing</b> <ul style="list-style-type: none"><li>• Managed Michigan's premier blockchain club's efforts to spread awareness and understanding about burgeoning distributed ledger technology, financial technology, and technological social change</li><li>• Designed marketing materials, such as pamphlets and infographics, to be distributed at key locations of foot traffic as well as online, leading to the largest semester of recruitment in club history</li></ul>	<b>Ann Arbor, MI</b>
<b>2019</b>	<b>CAMP RAMAH IN NEW ENGLAND</b> <b>Special Needs Counselor</b> <ul style="list-style-type: none"><li>• Led programming for a group of special needs individuals, including coordination with a team of psychologists and inclusion experts, to provide for their safety, recreation, and vocational goals</li><li>• Planned inclusive camp-style activities such as a multi-day "Mars Mission" project including a wide array of tasks to appeal to a group of individuals with a diverse set of needs and limitations. Activities included games friendly to non-verbal and physically disabled campers like arts, music/dance, chemistry games, and more</li><li>• Designed inclusion-based programming for neurotypical campers to increase empathy towards campers with special needs, including a new sensitivity training program focused on older campers</li></ul>	<b>Palmer, MA</b>
<b>2017</b>	<b>TECHNION --- ISRAEL INSTITUTE OF TECHNOLOGY</b> <b>Research Team Member</b> <ul style="list-style-type: none"><li>• Contributed to ongoing research within the Technion Department of Civil Engineering regarding the use of bacterial biofilms to purify water of heavy metals from industrial runoff through the completion of a study of the efficacy of one extremophilic bacteria prone to biosorption of heavy metal ions</li><li>• Discovered a preliminary absorption rate of up to 50% of the contaminants, showing the potential for a cleaner and cheaper method for filtering contaminated water more suited for developing nations</li></ul>	<b>Haifa, Israel</b>
<b>ADDITIONAL</b>	<ul style="list-style-type: none"><li>• Technical Skills: HTML/CSS, Git, Adobe PhoneGap, MongoDB, SQL, G Suite</li><li>• Programming Languages: C++, C#, R, Node.js, Python, JavaScript, jQuery, React, MATLAB,</li><li>• Languages: Fluent in Hebrew, conversational in Mandarin Chinese and Spanish</li><li>• Ultimate Frisbee: Michigan Men's Club Ultimate team member and treasurer</li><li>• Drums: Jazz and Blues soloist, Jazz Ensemble member</li></ul>	