

# Mira Hiser

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## OBJECTIVE

Third-year Computer Science student seeking an internship to work on meaningful projects and to develop world-class innovative software. Teamwork and leadership experience includes participation in multiple hackathons and club projects.

## EDUCATION

<b>The Ohio State University</b> , Columbus, OH	3.31/4.0
B.S. Computer Science and Engineering	<b>Fall '17 - Spring '20</b>
<b>Bowling Green State University</b> , Huron, OH	3.88/4.0
B.S. Computer Science	<b>Fall '15 - Spring '17</b>
<b>Dean's List:</b> Fall '15, Spring '16, Fall '16, Spring '17, Spring '18	

## WORK EXPERIENCE

<b>NASA's Johnson Space Center</b> , Houston, TX	<b>August - December '18</b>
<b>Human Interface Developer of the HIVE (Human Integrated Vehicles and Environment)</b>	
<ul style="list-style-type: none"><li>• Collaborated in developing responsive platform-independent user interfaces designed to support customizable web-based displays for long-duration space missions.</li><li>• Applied software development skills such as HTML, CSS, JavaScript, Web Components, and used GitHub workflow for collaboration with my team.</li><li>• Improved existing codebase by contributing to code maintenance and bug fixes.</li><li>• Aided in integrating an existing MATLAB program into Orion's orbital mechanics simulation, which shows Orion's flight path throughout EM-2 during abort scenarios.</li><li>• Helped to maintain a bicycle tracking system that increases environmental stewardship and is more cost efficient.</li></ul>	
<b>L Brands, Mast Global Technologies</b> , Columbus, OH	<b>May - August '18</b>
<b>Information Security Compliance Intern</b>	
<ul style="list-style-type: none"><li>• Applied Static Application Security Testing to work with testers, front end, and back end teams to scan their code in Java, Swift, JavaScript, and Go, identify false positives and eliminate vulnerabilities according to OWASP top 10 and CSC Top 20.</li><li>• Improved team's project allocation and reporting using information from the company's database using SQL.</li><li>• Analyzed and visualized security-related data using Python, NumPy, and Pandas.</li></ul>	

## PROJECT EXPERIENCE

<b>Buckeye Space Launch Initiative</b>   <b>Member, Telemetry Team</b>	<b>Spring '18 - current</b>
<ul style="list-style-type: none"><li>• Developed a custom flight computer for a rocket that will compete at the Spaceport America Cup.</li><li>• Self-taught topics such as Python and pySerial to be able to read data from the rocket sensors.</li></ul>	
<b>CEO Club</b>   <b>Vice President</b>	<b>Summer '18 - current</b>
<ul style="list-style-type: none"><li>• Organized club events, planned weekly meetings, such as a talk by Victoria's Secret CEO, Jan Singer.</li><li>• Developed a web app (Java) to collect and analyze data to aid club members.</li></ul>	
<b>HackOHIO 2017 Hackathon</b>   <b>Participant</b>	<b>October '17</b>
<ul style="list-style-type: none"><li>• Developed a first-person maze traversal game, "Amazeballs", team of 4.</li><li>• Self-taught topics such as Unity and C# to become familiar with game development.</li></ul>	
<b>DataFest Hackathon</b>   <b>Participant</b>	<b>April '18</b>
<ul style="list-style-type: none"><li>• Analyzed large sets of data using R on a team of 5.</li><li>• Examined correlations between different variables and visualized them.</li></ul>	

## HONORS & ACTIVITIES

- **Committee Chair**, NASA on Campus intern committee, Fall '18
- **Participant**, NASA's JSC Hackathon, September '18
- **Member**, Association for Computer Machinery on Women, American Institute of Aeronautics and Astronautics
- **Secretary**, Bowling Green State University math club, Radical Rogues, Fall '15 - Spring '17
- **Mentor**, High School I/O 2018 Hackathon, March '18
- **Volunteer**, CodeMash 2017, Make OHIO 2018 Hackathon, High School I/O 2018 Hackathon

## TECHNICAL SKILLS

- **Proficient:** Java, HTML, CSS
- **Prior Experience:** C++, Python, C#, R, SQL, JavaScript
- **Tools:** JIRA, Salesforce, Sharepoint, Unity, Git, RStudio, Checkmarx, Jupyter
- **Languages:** Russian, Ukrainian (native speaker)
- **Certifications:** NAUI scuba diving