

# 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	Fall '17 - Spring '20
<b>Bowling Green State University</b> , Huron, OH	3.88/4.0
B.S. Computer Science	Fall '15 - Spring '17

## WORK EXPERIENCE

**NASA's Johnson Space Center**, Houston, TX August - December '18

### Human Interface Developer of the HIVE

- Collaborated in developing responsive platform-independent user interfaces designed to support customizable web-based displays for long-duration space missions.
- Applied software development skills such as HTML, CSS, JavaScript, Web Components, and used GitHub workflow for collaboration with my team.
- Improved existing codebase by contributing to code maintenance and bug fixes.

**L Brands, Mast Global Technologies**, Columbus, OH

May - August '18

### Information Security Compliance Intern

- 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.
- Improved team's project allocation and reporting using information from the company's database using SQL.
- Analyzed and visualized security-related data using Python, NumPy, and Pandas.

## PROJECT EXPERIENCE

**Buckeye Space Launch Initiative** | Member, Telemetry Team

Spring '18 - current

- Developed a custom flight computer for a rocket that will compete at the Spaceport America Cup.
- Self-taught topics such as Python and pySerial to be able to read data from the rocket sensors.

**CEO Club** | Vice President

Summer '18 - current

- Organized club events, planned weekly meetings, such as a talk by Victoria's Secret CEO, Jan Singer.
- Developed a web app (Java) to collect and analyze data to aid club members.

**HackOHIO 2017 Hackathon** | Participant

October '17

- Developed a first-person maze traversal game, "Amazeballs", team of 4
- Self-taught topics such as Unity and C# to become familiar with game development

**DataFest Hackathon** | Participant

April '18

- Analyzed large sets of data using R on a team of 5
- Examined correlations between different variables and visualized them

## HONORS & ACTIVITIES

- **Committee Chair**, NASA on Campus intern Committee, Fall '18
- **Participant**, NASA's JSC Hackathon, September '18
- **Member**, American Institute of Aeronautics and Astronautics, Summer '18 - current
- **Member**, Association for Computer Machinery on Women, Fall '17 - current
- **Secretary**, Bowling Green State University math club, Radical Rogues, Fall '15 - Spring '17
- **Volunteer**, CodeMash 2017, January '17
- **Mentor**, High School I/O 2018 Hackathon, March '18
- **Volunteer**, Make OHIO 2018 Hackathon, April '18
- **Dean's List**: Fall '15, Spring '16, Fall '16, Spring '17, Spring '18

## TECHNICAL SKILLS

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