

Tatiana Voegerl

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Education

Michigan State University

East Lansing, MI | May 2024

- B.S. Computer Science, B.A. Information Science
- Honors College

Professional Experience

Leidos | Software Engineering Intern

Egg Harbor Township, NJ | May 2022 – August 2022

- Built an application to streamline and increase efficiency of software testing for developers using Java and MongoDB
- Collaborated with developers to create a well-designed user interface for easier use of application
- Participated in software inspections through JIRA and Crucible to improve code usability and readability

MSU Coding Clubs | Mentor, Lead Mentor, Admin Mentor

East Lansing, MI | January 2021 – Present

- Develop curriculum for coding lessons using CodeHS to prepare for weekly lessons
- Encourage creativity and improve student experience by leading social activities as well as discussion activities, increasing a sense of community within the students
- Apply communication skills to connect with parents to acquire necessary paperwork for student participation
- Assist student learning in multiple different languages by answering questions and clarifying material

Banzhaf Lab | Professorial Assistant

East Lansing, MI | September 2020 – Present

- Participate in bi-weekly paper discussions to learn more about different types of evolutionary algorithms
- Code and debug scripts for a modified Open AI environment
- Co-authored a paper on multi-task reinforcement learning in collaboration with other lab group members
- Maintain lab group publications on lab website

Community Service & Extra Curriculars

Grace Hopper Conference | Attendee

September 2022

Phi Sigma Rho | Member

September 2021 – Present

Women In Computing | Member, Outreach Chair, Webmaster

September 2020 – Present

- Coordinated outreach events to inspire girls in grades K-6 to pursue STEM fields
- Maintain website code and update relevant sections to keep in touch with our community

Women In Engineering Connect | Member

September 2020 – May 2021

CHAARG | Member

September 2020 – May 2021

HC Impact

August 2020

Technical Projects & Publications

Pomodoro Timer | Hackathon Project

April 2022

- Used JavaScript, HTML, and CSS to build and publish a Pomodoro Timer website, a useful tool for students
- Earned title of *Most Creative Use of GitHub*

Evolving Hierarchical Memory-Prediction Machines in Multi-Task Reinforcement Learning | Publication

October 2021

Cart Centering | Professional Project

April 2021

- Wrote a new Open AI environment by translating code from C++ to Python and modifying it for a new task

DNA Sequencing | Academic Project

October 2020

- Written in C++ for Honors Project in Introduction to Programming 2

Skills

Fluent in German

Proficient in Spanish

HTML

Java

MongoDB

CSS

Python

C++

JavaScript