CHRISTOPHER MAHONEY

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EXPERIENCE

Lab Director
Clarkson Open Source Institute

📅 Aug 2020 - Present   📍 Clarkson University

COSI is a community of Clarkson students who together work on Computer Science projects that they're passionate about.

As lab director I work to connect new members who want to learn with existing members who can teach them. I also take on a lot of administrative responsibility, such as running weekly meetings.

- Giving machine learning presentations about my research.
- Manage lab budget, lab meetings and social environment
- Lead system administrator of all our infrastructure. firewall, DNS, switches, computer lab, websites, web hosts, vm hosts, etc
- Maintainer of `https://mirror.clarkson.edu`. We serve around 14 TB per day to thousands of users. As of writing we host 42 open source projects.
- Many short term projects in 3d printing, esoteric programming languages and web development.

Software Engineering Intern
IEEE GLOBALSPEC

📅 Summer 2019   📍 Albany, NY

- Worked in an agile environment
- Backend and frontend developer on the company's new email campaign website
- Created a costumer support form that connects to internal api to create tickets

RESEARCH

Clarkson Accountability and Transparency Team
- Quantifying gender bias in NLP models
- Working across human multiple languages
- Using Python and Word2Vec
- System administration

Is Machine Learning Speaking my Language? A Critical Look at the NLP-Pipeline Across 8 Human Languages *Wali et al.* Participatory Approaches to Machine Learning Workshop, 37th International Conference on Machine Learning

Gender Bias in Natural Language Processing Across Human Languages *Matthews et al.* Proceedings of the First Workshop on Trustworthy Natural Language Processing

EDUCATION

Bachelor of Computer Science
Clarkson University: 3.5/4.0 GPA
Expected Graduation: Fall 2022

SKILLS

Programming Languages
- Python
- Go
- C++ & C
- Rust
- Java
- JS, HTML, CSS
- vue.js
- Express.js

Skills
- Linux
- Git

Tools
- NGINX
- MySQL
- MS Office and Google Drive