

Matthew Trefilek

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<https://www.trefsoftware.com>

Work Experience

Software Engineer

ABODO.com

September 2019 – Present

Full Stack Developer working on Ruby on Rails backend with a React frontend. Working with various partners' feeds and APIs. Exposure to data collection and analysis with Ahoy, Python, and GoLang. Investigating and implementing Natural Language Processing and Personalization machine learning problems.

Associate Systems Developer

University of Wisconsin Madison

May 2017 – Present

Full Stack Developer focusing on Java Spring Boot backend with Angular4 frontend development. Tasked with redesigning the email lists functionality for the university along with operational work for many different services. Worked with PHP and Node.js applications. Assisting the university with moving many projects to the cloud using Amazon Web Services.

Security Product Services Intern

IBM Security Product Services

May 2016 – May 2017

Lead intern on updating and improving the Adapter Development Tool, a Java program for creating database adapters for IBM's Security Identity Manager. One of two interns heading the Watson for Security Deployment Project. In charge of personal and team project management and goal setting while working remotely and reporting to a mentor.

Research Intern

Argonne National Laboratory Lemont, IL

May 2015 – July 2015

Education

University of Wisconsin – Madison

Master's in Computer Science: Big Data and Machine Learning

Expected Graduation: May 2022

Northern Michigan University, Marquette, MI

GPA: 3.92

Majors: Computer Science and Math; Minor: Accounting

Graduated: May 2017

Outstanding Senior Math and Computer Science

Other Work Experience

REST API and Mobile Application Development

Personal Node.js and Web Development using Amazon Web Services and Google Cloud

Community Involvement

CoderDojo906 Leader and Mentor

Graduate of the Student Leader Fellowship Program

References

Available on Request