

MICHAEL FRYER

Software Engineer & Data Scientist | Master's Candidate

 Approved for Residence Permit in Germany

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EDUCATION

M.Sc. in Applied Data Science
Frankfurt School of Finance & Management



 September 2025–Present
 Frankfurt am Main, Germany

B.Sc. in Software Engineering and B.Sc. Computer Science
Montana Tech

 August 2015–May 2019
 Butte, MT, USA



EXPERIENCE

Master's Candidate in Applied Data Science
Frankfurt School of Finance & Management

 September 2025–Present
 Frankfurt am Main, Germany



- Pursuing a Master's in Applied Data Science at Frankfurt School of Finance & Management.

Associate Game Programmer
Heavy Iron Studios

 October 2019–July 2021
 Manhattan Beach, CA, USA

- Worked closely with artists to transform their UI mock-ups into a functional user experience.
- Extended Unreal Engine's replication graph to meet our network performance requirements.
- Created Unreal Engine patches that included necessary features for a full-game launch.
- Implemented the Live Operations portal using Django to satisfy the business requirement of a live-service game.

Software Engineer
Butte Food Bank

 Fall 2018–August 2019
 Butte, MT, USA

- Created inventory and reporting software for the Butte Food Bank titled FRED.
- Developed the front-end application of FRED using WPF Forms.
- Expanded reporting features to help the Food Bank meet government regulations.

PROJECTS

Arcadia Website | NextJS, Vercel, Neon

A NextJS application that leverages Google's YouTube api to aggregate video uploads from members of Arcadia and post to social media.

Personal Website | NextJS, Vercel

My personal website which contains contact information and public information about myself. Built with NextJS, this project doubles as a living resume and portfolio.

STRENGTHS

Python

TypeScript

C/C++

HTML/CSS

NextJS

Git

VS Code

Visual Studio

Pandas

NumPy

Matplotlib

Communication

Organization

Problem Solving

Attention to Detail


Motivation & Leadership

LANGUAGES


English — Native

German — A1


MOST PROUD OF

 Pac-Man: Mega Tunnel Battle

Shipped my first major software release of my career with my team.

 Arcadia Website

Created arcadia.yt as a hobby project for my community.

 Outstanding Achievement

Awarded by the department of computer science at Montana Tech.