

# 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 CV 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 re-lease 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.