

MICHAEL FRYER

Software Engineer & Data Scientist | Master's Candidate

Residence Permit in Germany
Adickesallee 38 // Whg. 5.757
michael-d-fryer

@ michael.d.fryer@gmail.com
60322 Frankfurt am Main
HumbleHominid

+49 1525 5849914
mfryer.us



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 – Taking Courses – 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.