

MICHAEL FRYER

Software Engineer & Data Scientist | Master's Candidate

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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 — 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.