

# Cody Griffith

Experienced software engineer with applied math background, algorithm & web development, data analytics, devops experience and UI/UX design. Seeking a high impact position with collaboration and growth opportunities.



## Contact

Düsseldorf, Germany

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[Portfolio](#)

## Technical Skills

Python

Typescript

C#

Angular

CSS

Algorithms

HTML

Analysis

CI/CD

## Languages

English

Native

German

B1

## Education

**MSc. Applied Mathematics**

UBC, Vancouver, CA 2018

**BSc. Applied Mathematics**

MSU Denver, Denver, CO 2016

## Work Experience

### Software Development Engineer, *One Identity GmbH*

December 2021 - Present

- Have had multiple major changes demoed at several conferences.
- Addressed technical debt across multiple teams.
- Built a statistics dashboard to visualize and interact with the database..
- Created an interactive workflow to allow identity & access governance management to be visualized.
- Improved CI build speed by roughly 25%.

### Research Scientist, *908 Devices Inc.*

December 2018 - August 2021

- Automated intact protein characterization via deconvolution, relative identification, and quantization with CE-MS data in Python and C++.
- Maintained and added significant features to existing MATLAB/embedded software.
- Reported sample analyses to customers and collaborated with lab technicians and chemists to design and run experiments.
- Analyzed large data sets to identify trends and potential issues, and report on potential solutions.

## Projects

### Dynamic tipping in the non-smooth Stommel-box model

2021 - Published on [Science Direct](#)

### Failure Analysis of Mining Dump Trucks

2018

### Exploration of Iterative Matrix Transforms

2016

### Understanding childhood vulnerabilities in Surrey

2018 - Published on [Arxiv](#)

### Spatial & Temporal Analysis of Bear Creek

2016

### Probability Model of a Taxi Stand

2015