

# EMILY MATHIESON

APPLICATION ENGINEER / DATA ENGINEER

## CONTACT

248.840.3715

emilyamathieson@gmail.com

## PORTFOLIO

<https://emathieson.github.io/PORTFOLIO/>

## LINKEDIN

[www.linkedin.com/in/emily-mathieson-6b5a9a121](http://www.linkedin.com/in/emily-mathieson-6b5a9a121)

## SKILLS

### Systems & Technologies

SSMS

T-SQL

SSIS

SSRS

Excel, Office, Outlook, Powerpoint

BKFS/ MSP

TFS

### Interpersonal & Management

Team Building

Multitiered Communication

Inspiration and Motivation

### Research & Planning

Developing Strategies

Finding Creative Solutions

Problem Solving

### Organizational

Time Management

Detail-oriented

Punctual

## REFERENCES

Contact info available upon request!

**Christina Sabatini - Senior Engineer**

*Rocket Mortgage*

**Ernest Bethel - Staff Engineer / Mentor**

*Rocket Mortgage*

**Steve VandenOever - Team Leader**

*Rocket Mortgage*

## EDUCATIONAL HISTORY

### Codecademy

*Web Development Path, 2017*

Areas of focus include front-end web development, data management and programming. Familiarity with the concepts of HTML, CSS, Object-Oriented Programming, JavaScript, jQuery, C#, SQL.

### Oakland University

*Bachelor of Science in Biology, 2015*

### Student Conservation Association

*Native Trout Conservation Intern, Yellowstone National Park, 2015*

Assisted in multiple ecological restoration & preservation projects throughout park. Data recording and management, workload, & day-to-day activities.

## CAREER HISTORY

### Application Engineer

**Rocket Mortgage** Detroit, MI // July 2021 - August 2023

Account administration and support. Developed, maintained, and troubleshooted hundreds of stored procedures, data tables, SQL agent jobs, and SSIS packages for multiple internal RM systems, tools, and business applications. Utilized SSMS as primary tool.

Highlights:

- Developed, maintained, and troubleshooted unique tool created for business to facilitate bulk processes. Team effort with one additional engineer. Processed 4 million+ requests within first year. Utilized data cleansing, ETLs, JSON, Web Services, CSV import, and API responses.
- Developed, maintained, and troubleshooted tool created for compliance noting for Dialer system. First solo dev project. Utilized ETLs, JSON, Web Services, CSV import.
- Developed, maintained, and troubleshooted process for paper/paperless automation for entire RM portfolio.
- Winner of the "We Appreciate You 3000 Award" for Q1 2023

### Order Entry Specialist

**The Carpet Guys** Troy, MI // July 2020 // July 2021

- Contract interpretation, order building in rfms software, floor plan manipulation to efficiently utilize materials, telephone communication, and general office tasks.

### Owner / Creator

**MATHIEKNITS** Rochester, MI // 2015 - Present

- Created and designed website, including photography and art direction.
- Manages social media and Etsy store.
- Creates hand-made goods out of high quality materials.