

Reed Klaeser

Engineer • Engineering Manager • Product Contributor

Engineer and manager who can independently refine and communicate requirements, write clean code and knows how to successfully innovate, build, and maintain highly regarded products.

TECHNICAL PROFICIENCY

Adept learner comfortable figuring things out who transitioned from economics to data science to software engineering before solidifying knowledge with a Masters in Computer Science. Interested in making frequent contributions and quickly developing into an engineering leader.

PEOPLE MANAGEMENT

Effective and empathetic communicator. I know how to clarify direction, collaborate with other teams, and help stakeholders feel they've been heard. As a result, my projects manage risks, catch mistakes early, and ship frequently.

PRODUCT OWNERSHIP

Record of successful product direction. While my focus is engineering, I am eager to contribute data analyses, UI/UX, and a vision for the products I work on. I enjoy identifying opportunities and influencing business decisions.

EXPERIENCE

Mobile App Engineering Manager

[McMaster-Carr](#) Chicago, IL

2022 - 2023

- Reduced team by 2 FTEs to address cost center concerns in Apps through feature instead of appearance parity, decoupling shared UI elements, using mobile web pop-outs for special screens, and migrating to GitLab.
- Managed full stack integration of new product data and new features displaying product summarizations and information while still supporting old data.
- Built a struggling team of eight engineers across three time zones into a productive team with a lively culture.
- Introduced new Mobile frameworks SwiftUI and Compose to Apps and onboarding process for new engineers.

Ecommerce Engineering Manager

2021 - 2022

- Managed roll-out of shipping prices on McMaster.com, including fine tuning shipping estimate algorithm and front-end check out experience. This feature was [received very positively by customers](#).
- Collaborated with shipping department to automate ingestion of monthly shipping data.

Software Engineer

2018 - 2021

- Automated reports and built internal website (React) for pulling product image data from SQL to smooth operation's efforts to migrate images to new system.
- Provisioned virtual on-premise servers for side-by-side upgrade of workload management system using Terraform.
- Broke apart monolithic service accounts into micro-accounts across 2,000 server fleet impacting 20,000 production workloads with minimum downtime.
- Integrated server provisioning (Terraform) and management (VMware) with secrets management API (Vault) allowing us to remove credentials from Windows Registries and rotate passwords regularly.

Extracurriculars

2018 - 2023

- Led eight new-hires through six-week full stack bootcamp focusing on React and C#.
- Managed on call team responsible for workload management system (Control-M) and led 5 year multi-million dollar contract renewal negotiation.
- Designed and maintained department intranet home page, automated change of the week voting, and edited key company documents like quarterly reports in InDesign.

Data Analyst Intern

[Akara Partners](#) Chicago, IL

2018

- Led the development of [an app](#) for high rise tenants including soliciting the product vision from the CEO, developing wireframes and requirements documentation, drafting a request for proposal, selecting the most suitable developer, and refining the vision with the development team.
- Automated assessment of investment opportunities by web-scraping rental rates and neighborhood amenities.

Earthquake Predictor

[Northwestern Institute on Complex Systems](#) Evanston, IL

2017

- Conducted statistical analysis of time series tremor data for earthquake prediction in R.
- Coauthor on "Global Examination of Triggered Tectonic Tremor following the Tehuantepec Earthquake in Mexico", American Geophysical Union.

EDUCATION

Masters in Computer Science

[DePaul University](#) Remote (Chicago, IL)

2022 - Present

- 3.42 GPA (19/22 classes complete). Intend to finish part time while working.
- Relevant Coursework: Data Structures, Distributed Systems, Object Oriented Programming, Databases, Systems, Optimized C++.

Bachelors of Arts in Economics

[Northwestern University](#)

2014 - 2018

- 3.6 GPA with Minors in Political Science and Business
- Relevant Coursework: Programming for Big Data, Econometrics, Probabilistic Systems, Programming in C

TECHNICAL SKILLS

C# • SQL • C++ • Java • Python • Swift • JavaScript • Terraform • Vault • VMware • UI/UX • GitLab CI/CD • Active Directory

HOBBIES

Hot Pilates • Mountain biking • Skiing • Singing