

# Thomas W Geiger

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## EDUCATION

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### University of Rochester

May 2021

- B.S. in Computer Science, Minor in Audio & Music Engineering
- Computer Science Undergraduate Council, Tutor

## EXPERIENCE

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### M&T Bank, TDP Software Engineer

July 2021 – Present

- Develop reusable One-Time-Passcode module using Angular, and create responsive interfaces based on Figma, deploying via GitLab CI/CD pipelines.
- Built core banking microservices using Java and Spring, and deployed to OpenShift.

### University of Rochester, Teaching Assistant

Feb 2021 – May 2021

- Facilitated workshops and office hours, teaching SQL database design and PHP web dev.
- Assisted in grading, proctoring and course logistics.

### DigitalOcean, Marketing Data Science Intern

Jun 2019 - Aug 2019

- Developed a comment section analysis tool using Python, Pandas and Gensim ML libraries.
- Delivered reports to marketing team automatically via a Javascript powered Slack bot.

## PROJECTS

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### Trending Google Searches

Apr 2022

- Designed and published a Chrome extension and website using Javascript to display trending Google searches sourced from Google search trends RSS feed.

### PromoParlor

Dec 2021

- Built and scaled a custom Discourse forum on DigitalOcean droplets and AWS S3, using Ruby to automate sending dynamic daily emails. 50 DAU and 250 automated emails sent daily so far.
- Produced artwork and custom plugins to meet clients needs.

### Tuner

Apr 2021

- Built a single page app with React and Material UI, using Spotify's API to generate curated playlists based on unique parameters, giving users more control over their recommendations.

### COVID-19 Screening System

Aug 2020

- Rapidly deployed an automated daily health screening system and mobile app using Javascript, Google Forms API and AppSheet no code platform, to help a local non-profit preschool during COVID.

## SKILLS

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- Javascript, React, Angular, CSS, Java, Python, SQL, Git, graphic design, audio production

## LEADERSHIP

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### M&T Bank, TDP Community Pillar Chair

Jan 2022 – Present

- Lead 30 person group in organizing, advertising and executing community focused events and initiatives including hackathons, community service, and environmental initiatives.