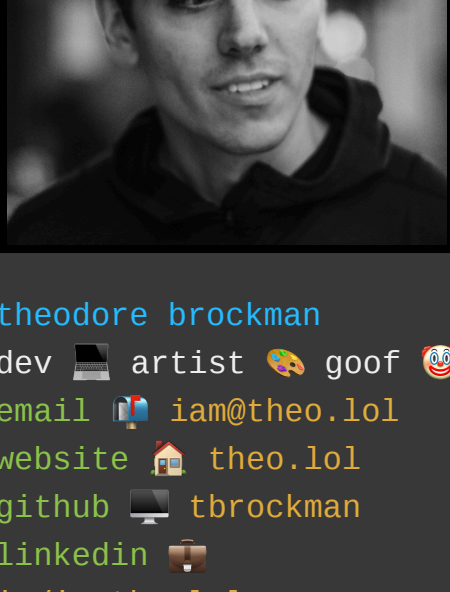


theo:~/resume\$./downloads

- resume.html
- something-less-stylish.docx
- resume.json

theo:~/resume\$./about



theodore brockman
dev artist goof
email iam@theo.lol
website theo.lol
github tbrockman
linkedin in/iamtheolol

who is theo?

a swiss army knife with over 6 years of experience working in social media, fintech, big data, efficiency engineering, monitoring, and site reliability

what does he want to do?

make life better, however he can

also hike, climb, surf, create, eat, make friends, and play with good dogs

```
// can reverse a linked list in any of the following
languages = ["python", "go", "typescript", "javascript", "rust", "c#", "java", "ruby", "bash", "powershell", "html", "css"]

// some tech & tooling i have experience with
keywords = ["angular", "android", "aws", "azure", "browser extensions", "chatgpt", "chrome", "cloudflare", "datadog", "distributed systems", "django", "docker", "electron", "etcd", "fastapi", "figma", "flask", "flutter", "git", "github", "grafana", "grpc", "jenkins", "kafka", "kubernetes", "linkerd", "mantine", "mui", "mysql", "netlify", "next.js", "node.js", "opentelemetry", "parcel", "postgresql", "react", "redis", "remix", "tailscale", "tauri", "wasm", "webRTC"]
```

theo:~/resume\$./projects

prune

a simple browser extension to help you trim your garden of tabs.

beloved by its few users, currently rated 4.9

chrome edge
firefox safari opera
github

browser extension for opentelemetry

a browser extension to automatically instrument all webpages with user and performance analytics, using opentelemetry.

chrome edge
firefox safari github

theo.lol

my homepage and blog. hosted on github pages and written in plain ol' javascript, html, and css. it's small, it loads quickly, and it costs me \$0.00.

theo.lol github

github-paint

a github action to draw text in your github profile's contributions graph.

github

turnip

a proximity-based jukebox. built as a personal project in university to stop friends fighting over the aux cable.

allowed anyone within 100ft to search and queue spotify songs on the host phone (without needing any authentication or sign-up).

github

auxb0x

a website dedicated to playing my soundcloud reposts and likes.

built as an exercise to learn more about frontend design, as well as distributing content with a cdn.

auxb0x.com github

parcel-resolver-inlinefunc

a parcel plugin to allow embedding an imported javascript function as a serializable and self-contained bundle (useful in browser extensions/sandboxes).

npm github

schizophoner

an android application built as a university art project.

simultaneously recorded and played audio, buffering 'interesting' noises, then later randomly swapping them for something previously buffered.

github

theo:~/resume\$./work-experience

software engineer, linkedin // jul 2023 - present

maintains critical site reliability platforms

currently develops and maintains linkedin's internal alerting, notification, oncall management, and automated remediation platforms.

cuts costs

independently (as a side-project) scoped and executed infrastructure changes saving over \$1.2 million per year in hardware costs by reducing the resource use of two large-scale applications, done in the time span of 2 months.

helps test high-stakes changes

built request replay tooling to evaluate the performance and correctness of linkedin's new metrics platform (leveraging distributed traces), allowing the team to debug and fix underlying issues before the migration, as well as measure progress to platform parity. included building a pretty rad + intuitive grafana dashboard.

leverages open-source technology

created an internal fork of opentelemetry-collector-contrib to support ingesting distributed trace data (in a proprietary linkedin schema), allowing the use existing open-source technology built on opentelemetry.

site reliability engineer, linkedin // nov 2021 - jul, 2023

handles massive scale

supported backend applications servicing more than 4 million requests per second.

maintains high availability

maintained 99.9% availability of all online applications comprising linkedin's targeting, ramping, and experimentation platform (t-rex).

improves site reliability

built automation to incrementally deploy experiments while monitoring and reacting to their impact on application health signals, reducing likelihood of incidents from insufficiently validated a/b test treatments.

builds alerts & dashboards-as-code plugin

created (as a side-project) a github action to allow teams to manage their dashboards and alerts as code, facilitating better alerting practices through code-review as well as providing discoverable examples to be leveraged by others, improving oncall quality-of-life.

prevents widespread outages

evaluated production readiness of a service slated to be used by almost our entire fleet. developed and executed load tests to proactively identify severe scale limitations, preventing the issue from occurring in production.

software engineer, earnin // mar 2019 - aug, 2021

lowers user-acquisition costs

created a browser registration funnel for our previously mobile-only application, reducing cost of user acquisition by 50% and paving the way for future investment into a cross-platform target for application development.

automates the hard stuff

created a python tool to automate safe deployments of our legacy c# applications (including our main monolith), eliminating all deployment-related site-reliability issues. included writing thorough documentation and training 30+ developers on tools use, which allowed engineers to confidently and safely deploy new code without fear of user impact.

builds appreciation culture

built an internal slack application for co-workers to show each other appreciation through coin emojis, dubbed 'earnin coin', which went viral internally. regularly reached 100s of weekly transactions. included a real economy, a weekly leaderboard to celebrate high coin earners, and was consistently touted as making employees feel better about giving and receiving help.

fullstack software developer, brockman consulting // nov 2018 - mar, 2019

builds job-dispatching application

worked as an independent consultant, building an sms-based job-dispatching application for an industrial and oil-field safety services company using node.js and twilio. allowed the company to automate notifying (and provisioning) qualified employees for available jobs.

junior software developer, microquest // jan 2015 - mar, 2016

creates secure chat application

worked as a fullstack developer to create a chat application for health-care professionals, facilitating the secure sharing of patient information between clinics and physicians within canada. built using angular and node.js, leveraging websockets for real-time communication and notifications.

theo:~/resume\$./open-source-contributions

opentelemetry-rust

wrote template for opentelemetry rust metric semantic conventions and fixed some pre-existing code generation issues.

pull request

review board

re-designed the git diff viewer for mobile devices and implemented a minor bug fix as part of a university student project in ucop.

reviewboard.org youtube demo

atom

added "open in new tab" context-menu functionality to the find-and-replace package.

atom.io pull request

oasgen

fixed swagger ui support for actix-web, as well as updated documentation and added tests.

github pull request

quickjs-emscripthon

updated project to incorporate upstream changes to fix a cve in quickjs.

github pull request

linkerd

"what! he's a linkerd contributor?!" ... i made some css changes to the website and fixed some incorrect documentation.

linkerd.io pull request pull request #2

utterances

forked and updated several components to eliminate a security vulnerability.

utteranc.es blog post