

C.M. Lubinski

Humble Hacker

cm.lubinski@gmail.com • 872.333.9262

Pittsburgh, PA 15203

<https://cmlubinski.info> • [GitHub](#)

Skills and Hats

Data & Web App Developer

Data Modeling, Analysis, & ETL
Test-driven, API-first Engineering
Text Parsing, Data Viz and Maps
Scalable DevSecOps Solutions

Communicator & Teammate

Play Many Roles, Filling Gaps
Tight-Knit Peers Sharing Skills
Thoughtful Critiques & Reviews
Continuous Research & Learning

Strategy & Leadership

Decompose Gnarly Problems
Agile & User-Centered Design
Balance Delivery & Vision
Build Buy-in, Gain Momentum

Recent Work History

Staff Engineer

Democratic National Committee - Remote

Aug '18 - Present

Providing data and technology infrastructure services down the ballot and through the Democratic ecosystem

Python ▪ *Django* ▪ *Airflow* ▪ *React* ▪ *Postgres* ▪ *AWS* ▪ *GCP* ▪ *BigQuery* ▪ *Docker*

- Designed & led several core DNC Tech tools, including ecosystem-wide IAM, auditing, and async jobs
- Contributed across teams, e.g. writing data migrations, hardening election-day apps, and automating GSuite
- Integrated & extended third party products to magnify our impact & boost an ecosystem with high turn-over
- Promoted and standardized best practices around infrastructure, security, usability, and coding from day one

Backend Lead

18F (General Services Administration) - Remote

Sep '14 - Aug '18

Government tech startup improving the public's experience via shared services, best practices, & open data

Python ▪ *ES6* ▪ *SASS* ▪ *Ruby* ▪ *Django* ▪ *NodeJS* ▪ *React* ▪ *Next.js* ▪ *Rails* ▪ *Postgres* ▪ *AWS* ▪ *Cloud Foundry*

- Launched a dozen significant projects through close collaboration with agency partners, designers, and devs
- Spanned full development stack, including devops, ETL scripts, APIs, security, interfaces, & visualizations
- Promoted to "Lead" of 30+ engineers; hosted presentations, discussions, code reviews, and pairing sessions
- Set high expectations for code contributions, focusing on legibility, testability, and clean code principles
- Filtered ~100 resumes and interviewed nearly 50 technical candidates, leading to eight 18F hires

Backend Developer

Consumer Financial Protection Bureau - Remote

Dec '12 - Sep '14

Technology Fellowship building public-facing web apps and internal data analysis tools for bank regulators

Python ▪ *JavaScript* ▪ *LESS* ▪ *Django* ▪ *Flask* ▪ *Backbone* ▪ *Leaflet* ▪ *MySQL* ▪ *PostGIS* ▪ *Solr* ▪ *CentOS*

- Shipped three major, user-centric software projects and two significant prototypes, iterating each frequently
- Contributed to high test coverage, style guide adherence, & code review via frequent discussion/feedback
- Promoted policies on transparency, open source, and releasing software through working groups & writings

Chief Developer

Toodaloo, LLC - Chicago & Work from Home

Aug '10 - Nov '12

Quickly evolving, location-based financial startup, with webapps, APIs, and integrations written in Scala

Web Developer

Network Ninja, Inc. - Chicago

Jun '08 - Aug '10

Case management tool for pro bono legal aid, written in custom PHP; weekly sprints and feature releases

Education

Master of Science with Distinction

2014

Computer Science (Theory), DePaul University

Bachelor of Arts with Honors

2008

Computer Science, Grinnell College

Continuing

MOOCs on AI, Crypto, Data Science, Formal Logic, Journalism, ML, Network Analysis, NLP, & more

Self-study through conferences, meetups, podcasts, articles, books, and a tendency to tinker

Other Points of Pride

Presentations & Articles about security, new technologies, clean code, CS theory, team morale, and more

Open Source patches/plugins to upstream frameworks, community management, and personal projects

Recognition & Awards for innovation, promoting best practices, helping colleagues, and customer service

Purpose matters; I write software for legal aid agencies, charities, researchers, regulators and the public