

C.M. Lubinski

Humble Hacker

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Skills and Hats

APIs & Data Wrangler

Python ▪ *Postgres* ▪ *REST*
API-First Development
Text Parsing, Machine Learning
Data Modeling, Analysis, & ETL
Secure, Scalable Solutions

Web Developer

Django ▪ *NodeJS* ▪ *React* ▪ *SASS*
Static Site Generators, CMSes
Visualizations, Maps, Interactions
DevOps & Cloud Infrastructure
Tests, Continuous Integration

Communicator & Teammate

Agile ▪ *User-Centered* ▪ *Fail-Fast*
Tight-Knit Peers Sharing Skills
Continuous Research & Learning
Thoughtful Code Reviews
Open Source, Transparent Plans

Recent Work History

Backend Lead

18F (General Services Administration) - Remote

Sep '14 - Present

Government tech startup improving the public's experience through 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, and 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

Toodalu, LLC - Chicago & Work from Home

Aug '10 - Nov '12

Quickly evolving, location-based startup focusing on loyalty rewards, charitable giving, and white-labeled apps

Scala ▪ *Python* ▪ *Lift* ▪ *jQuery* ▪ *Postgres* ▪ *MongoDB* ▪ *Solr* ▪ *Wordpress* ▪ *Debian*

- Led the majority of technology decisions, shepherded the code base through numerous, radical pivots
- Researched and integrated with credit card processors, social networks, CMSes, mobile utilities, and more
- Configured and maintained all servers, including continuous integration with black-box integration tests

Web Developer

Network Ninja, Inc. - Chicago

Jun '08 - Aug '10

White-labeled case management tool for pro bono legal aid, providing document/client tracking and reporting

Object-Oriented PHP ▪ *JavaScript* ▪ *Python* ▪ *Prototype* ▪ *Postgres* ▪ *Trac* ▪ *Drupal* ▪ *Debian*

- Extended application based on project management priorities, pushing weekly; focused on modularity
- Instituted automation regimes around app setup and unit-testing, preventing countless bugs

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