MATTHEW K. PARMETT

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EDUCATION

University of Pennsylvania   Philadelphia, PA

School of Engineering and Applied Science

Master of Computer and Information Technology   Exp. Dec 2023

Relevant Coursework: Data Structures, Algorithms & Computation, Computer Systems, Software Design

The Wharton School

B.S. in Economics; Concentrations in Finance and Operations & Information Management   May 2014

Relevant Coursework: Intro to Information Management, Business Programming Languages,
Enabling Technologies, Developer Tools for Data Analysis, Independent Study in Natural Language Processing

Independent Study in NLP: Job Listings and Firm Innovativeness (*paper available here*) – used MATLAB, Ruby, and LIWC to study association between a firm's innovativeness and the language used in that firm's job listings

College of Arts and Sciences

B.A. in Political Science   May 2014

University of Washington   Seattle, WA

Certificate in Python Programming   2020–2021

Relevant Coursework: Advanced Programming in Python, Internet Programming in Python
Practical Project Experience:

- Django blog application hosted on Azure (https://github.com/mattparmett/django-blog)
- Mailroom application using SQLite (peewee), web API (Flask), and test-driven development (pytest)
- Twitter-style social network application backend using SQLite (peewee) and web API (Flask)

PROFESSIONAL EXPERIENCE

Kanary (thekanary.com)   Seattle, WA
Software Engineering Intern   July 2022 – Present

- Data privacy startup that automates monitoring and removal of personal data from thousands of data broker databases
- Working directly with CEO and CTO to transition core member data monitoring and removal services to Go from Python; designing extensible services architecture to streamline integration of new data sources
- Increased data removal rates for top brokers by more than 40%, addressing backlogs for over 10,000 members

Echo Health Ventures   Seattle, WA
Healthcare Venture Capital Principal   2018 – 2022

- Sourced, evaluated, structured, and executed venture capital, growth equity, and private equity investments in innovative early- and growth-stage healthcare companies for top-quartile fund
- Led Echo's virtual and convenient care investing practice; executed investments in TytoCare, Genome Medical, Heartbeat Health, FastMed, and Dispatch Health and served as Observer on each company's Board of Directors

J.P. Morgan   New York, NY
Healthcare Investment Banking Associate   2014 – 2018

- Structured and underwrote over $15 billion in taxable and tax-exempt debt for large healthcare systems
- Valued acute care providers for healthcare organizations considering consolidation; performed comparable company and discounted cash flow analysis, and forecasted industry trends to make strategic recommendations

EXTRACURRICULAR ACTIVITIES

PennApps Labs (now Penn Labs)
Developer Relations Coordinator   2012 – 2013

- Designed and implemented APIs for campus systems; delivered tech talks about PennApps APIs to student developers; hosted office hours with prominent engineers, including Loren Brichter session on iOS development

Sample Personal Projects:

- Pyle – version control system written in Python with full Git compatibility
- Runmember – Python mashup of Strava, Foursquare, and Mapbox APIs to list points of interest on a running route
- Digest - extensible email newsletter platform written in Ruby; hosted on Heroku
- Bloffee – static-file blog engine written in CoffeeScript, powered by Node.js, Express, Jade, and Markdown
- Snoozer – extensible Ruby app that enabled "snoozing" emails to be resurfaced at a later time; hosted on Heroku

Technologies: Python, Java, Go (beginner), SQL/Postgres, VBA
Interests: Hi-fi & DIY audio, record collecting, homebrewing, photography, guitar, NY Yankees, Magic the Gathering