

PETE CHUDYKOWSKI

OBJECTIVE

Employ computational technology to make a better world.

PROFESSIONAL HISTORY

DreamHost, Los Angeles CA – *Software Developer III*

December 2011 – Present

- Actively Participated in Architectural reviews, providing both proposals and feedback
- Broke down work into manageable chunks that could be estimated in Sprints
- Mentored Jr. Developers in Clean Code, Automated Tests, Best Practices, and the Joy of Programming
- Automated Affiliate Payout Reconciliation by integrating with the TUNE API (Perl)
- Developed Airflow DAGs for Gamified Customer Onboarding Process (Python)
- Built a Security Scanner microservice (JS: Node TypeScript)
- Developed Traditional and Cloud Hosting products, API's, and MicroServices (Python, Perl, JS)
- Developed a new Signup application (Python Front-End, secure API to the backend – Perl)
- Modernized Domain Registration product by refactoring existing code, migrating customer data with zero downtime (Perl, MySQL)
- Developed an extensible and configurable multi-third-party Domain Suggestion Service (Perl)
- Modernized and expanded SSL Certificate Product to add Let's Encrypt and Comodo Certs (Perl)
- Developed a Module for concise mocking of Objects and Modules in Unit Tests (Perl)

Shopzilla, Los Angeles CA – *Senior Software Engineer*

August 2006 – November 2011

- Developed enhancements, optimizations, and maintained a custom Indexing and Search System.
- Enhanced distributed back-end applications for performant, concurrent processing of very large data sets. Improved reliability of the Indexer by re-engineering its concurrent processes for idempotence and fault tolerance (Perl).
- Developed Category Extraction tools using supervised training of a Hidden Markov Model and Viterbi decoding for predictive analysis of search terms to determine parts of speech.

US Cellular, Madison WI – *Application Developer*

July 2001 – August 2006

- Maintained Message Processing System codebase (Perl, Java)
- Developed technical documentation.

Languages:

Fluent: Perl. Intermediate: Python, JavaScript/TypeScript, C/C++, UNIX shells, SQL.

EDUCATION

St Norbert College, De Pere WI

2001 BS Computer Information Systems. Summa Cum Laude, GPA 3.92/4.00

CODE SAMPLES & REFERENCES

Available upon request.