OLES TOURKO
SOFTWARE DEVELOPER

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PROFILE SUMMARY

An experienced and adaptable software developer who likes trying new things.

GENERAL: OOP, Design Patterns, Automated Testing, Linux, Docker, Git, Multithreading
LANGUAGES: Python, PHP, Java, Javascript, C#
BACKEND: MVC, Flask, SQLAlchemy, SQL, Laravel, MongoDB, Apache, Nginx
FRONTEND: jQuery, Knockout.js, HTML, SASS/CSS

EXPERIENCE

Software Developer ─ BriteCore, Springfield Missouri (Remote)   August 2018 ─ Present
A company that provides a SaaS business platform for insurance companies.

- Implement new user stories and fix defects within a large, mature codebase.
- Work in a 100% distributed team, with all of its unique advantages, risks, and challenges.
- Take defacto ownership of certain features that I tend to work on often.
- Improved development tools by fixing nuisances and improving performance issues.

Tech: Python, Pandas, MySQL, Javascript, Linux, JIRA

Full Stack Web Developer ─ Digital Extremes Ltd, London Ontario   November 2015 ─ July 2018
A large Canadian game studio best known for the title *Warframe.*

- Key contributor to and maintainer of warframe.com (~0.5M unique daily visitors).
- Automate common tasks and write scripts to sync large datasets.
- Integrate internal and third-party APIs with our web services.
- Work closely with other web developers, departments, and remote team members.

Tech: Laravel, PHP, Python, MySQL, MongoDB, Javascript, SASS, Linux, Perforce, JIRA

Full Stack Web Developer ─ Northern Commerce Inc, London Ontario   April 2014 ─ October 2015
A digital agency specializing in ecommerce projects.

- Full stack Magento development: implementing custom functionality and integrating extensions.
- Participate in code reviews.

Tech: Magento, PHP, MySQL, Javascript, CSS, Linux

SIDE PROJECTS

OpenPay London   February 2018 ─ Present
An open-source salary information tool for London, Ontario. I want to fix the problem of inadequate market data being available in London.

Website: londontechpay.ca   Source Code: github.com/olestourko/open-tech-pay

- Set project goals and successfully launched a working core version.
- Built a completely decoupled frontend and RESTful backend.
- Continuously improving the project based on feedback from the local developer community.

Tech: Python, Flask, Docker, Knockout.js

DIY Electric Bike   July 2020 ─ December 2020

This was a very fun personal project where I built a long-range DIY electric bike. I learned how to build battery banks, how to weld, and a lot about bicycles in the process.

- Assembled a 1.28kwh battery bank from LiFePO4 battery cells and an off-the-shelf BMS.
- Upgraded various bike components and installed an electric motor.
- Modified a steel frame by welding on disc brake mounts, dropout reinforcement, trailer hitch, etc…
- Welded together a trailer using steel stock and recycled parts.

Blog Post: olestourko.github.io/sd-budget

SDBudget   February 2017 ─ August 2017
A personal budgeting and cashflow forecasting application. I built a budgeting tool based on my personal spreadsheet system at the time, which works on the concept of a rolling surplus or deficit.

Website: olestourko.github.io/sd-budget   Source Code: github.com/olestourko/sd-budget

- Successfully planned and completed the project.
- Used appropriate software design patterns to completely decouple the backend and frontend.
- Wrote an extensive unit testing suite and created concise user documentation.

Tech: Java (SE8), JavaFX, jOOQ, H2DB, JUnit

EDUCATION

BSc. Computer Science - Ryerson University   Graduated 2014

PROFESSIONAL DEVELOPMENT

Deep Learning Specialization - Deeplearning.ai / Coursera   Completed April 2018
A 5-course specialization on neural networks for machine learning.

Machine Learning ─ Stanford University via Coursera   Completed August 2017
Parallel Programming in Java ─ Rice University via Coursera   Completed October 2017
LPIC-1 Linux System Administrator / Comptia Linux+   Completed February 2017
M101P: MongoDB for Developers   Completed December 2015