

# OLESTOURKO

## SOFTWARE DEVELOPER

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## SUMMARY

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An experienced and adaptable software developer who likes trying new things. Backend development is where I tend to have the most fun.

**GENERAL:** OOP, Design Patterns, Automated Testing, Linux, Git

**LANGUAGES:** Python, PHP, Java, Javascript, C#, C

**BACKEND:** MVC, SQLAlchemy, SQL, Flask, Laravel, MongoDB, Apache/Nginx

**FRONTEND:** jQuery, Knockout.js, HTML, SASS/CSS

## EXPERIENCE

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**Software Developer** — BriteCore, United States (100% Remote)

*August 2018 — Present*

A comprehensive SaaS 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 de facto ownership of certain features that I tend to work on often.
- Improve development tools by fixing nuisances and performance issues.

Tech: Python, MySQL, Pandas, Linux, Git, Rally

**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

## PERSONAL PROJECTS

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### OpenPay London

*February 2018 — Present*

An open-source salary information tool for London, Ontario. Reliable information is limited in my city and I want to fix that.

Website: [londontechpay.ca](http://londontechpay.ca) Source Code: [github.com/olestourko/open-tech-pay](https://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

### Electric Bike

*August 2020 — Present*

I built a long-range electric bike during lockdown. This isn't a software project but it does involve some C programming. It was very fun and required much research, learning, and planning. I'm still building on it.

Link: <https://imgur.com/a/HulJv0D>

- Built a 1.28kwh battery bank which gives a range of ~100km.
- Learned basic welding, which I used to build a cargo trailer and make frame modifications.
- (In progress) writing a Linux-compatible motor configuration tool in C because the vendor-supplied software is Windows only: <https://github.com/olestourko/bbsx-serial>

Tech: C, DC electronics, flux core welding, soldering, woodworking

### SDBudget

*February 2017 — August 2017*

A personal budgeting and cashflow forecasting application. 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](http://olestourko.github.io/sd-budget) Source Code: [github.com/olestourko/sd-budget](https://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

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**BSc. Computer Science** - Ryerson University

2014

## PROFESSIONAL DEVELOPMENT

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**Deep Learning Specialization** - Deeplearning.ai / Coursera  
**Machine Learning** — Stanford University via Coursera  
**Parallel Programming in Java** — Rice University via Coursera  
**LPIC-1 Linux System Administrator / Comptia Linux+**  
**M101P: MongoDB for Developers**

Completed April 2018  
Completed August 2017  
Completed October 2017  
Completed February 2017  
Completed December 2015