LEANDER **RODRIGUES**

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leander.xyz

Tech Overview

Proficient with:

- HTML - *Haml, HTML5*
- CSS - *Bootstrap, Keyframes, Responsiveness*
- JavaScript - *jQuery, AJAX, JSON APIs, Babel*
- PHP - *phpMyAdmin, OOP, PDO*
- SQL - *MySQL, PHP Injection, MS Access*
- VBA - *MS Access, MS Excel*
- Git - *CLI, Bash, GitHub*

Academic Experience with:

- Matlab - *Data Viz, Matrices, ODEs/PDEs*
- Python - *NumPy, Automation, Algorithm Logic*
- Java - *OOP, Scope, Structure/Practices*

Ongoing Learning with:

- React.js - *Redux, Data Viz*
- Node.js - *NPM, Backend JS*
- Express.js - *Implementing with Node.js*
- MongoDB - *For JSON DBs*

Interests

- Outright **movie fanatic**, especially Edgar Wright's work
- Fan of all things **sushi** (wasabi and soy sauce are mandatory)
- Total **podcast junkie**, top picks include: *Cortex*, *Planet Money*, *Stuff You Should Know*, and *Base.cs*
- An absolute, unwavering **dog person**

Education

- Candidate for B.A.Sc. Honors Nanotechnology Engineering, *University of Waterloo, 2021*
- Plenty of online courses, certifications and learning modules
- For more, visit leander.xyz/resume

Summary of Qualifications

- Committed, self-taught **full-stack developer** with an unconventional but foundational **engineering background**
- Inquisitive and **perpetual student**, focusing free-time towards fully-functional, impressive **side-projects**
- Energetic hard-worker with **diverse history** in industry

Work Experience

Data Analysis and Process Automation – Winter 2018 (4m)

Curtiss Wright Defense Solutions – Ottawa, ON

- Automated daily report process to provide up-to-date information dashboards (150 000+ data points per report)
- Revised/Debugged legacy scripts to provide new functionality and more reliable data sources
- Completed full system documentation for automation architecture (45+ files) in the form of docs and flowcharts

Skills Improved: *MS Excel, VBA, MS Access, SQL, Windows CLI, SAP*

Manufacturing and Process Engineer – Summer 2017 (4m)

Mother Parker's Tea & Coffee Plant – Mississauga, ON

- Designed over 15 standard operating procedures for machine maintenance, reducing required downtime by 25% on average
- Created/maintained operation issue log for 30+ sets of high volume production line equipment
- Presented data-driven analytics to upper management, improving production output by ~2-3% week over week

Skills Improved: *MS Excel, MS Access, MS Visio, VBA, Presentation Skills*

Projects

Personal Site - leander.xyz
My corner of the internet; no Bootstrap, fully responsive

Custom Designed Blog - leander.xyz/blog
My custom MySQL / PHP blog, including tags and share features

Front End Dev SPAs - leander.xyz/projects
All of my single-page web apps powered by JavaScript

See more at: **leander.xyz** or **github.com/leeandher**