

# Daniel Wyckoff

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## EXPERTISE

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**Languages & Frameworks:** Ruby, Python, Java, JS, PHP, C, C++, µC++, C#, Rails, Django.

**Front-End Development:** CSS, SASS, HTML5, JQuery, Bootstrap.

**Back-End Development:** Jekyll, SQL, Redis, Memcached, Sidekiq.

**Machine Learning Frameworks:** TensorFlow, Keras.

**Cloud Deployment:** AWS (CloudFront, S3, EC2, Lambda, Amplify), Heroku.

**Tools:** Docker, Git, Linux/Windows Scripting.

## WORK EXPERIENCE

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**Rails Full-Stack Engineer** at Fera.AI, Waterloo, Canada. Apr. 2018 – Present.

- Lead the development of three complete Shopify applications used by thousands of clients daily.
- Working daily with a **Bootstrap/jQuery** front-end and **Rails/PSQL** back-end.
- Deploying features regularly to **AWS EC2 / Cloudfront** and **Heroku**
- Developed and documented the main platform's **JS API** for future developer usage.

**Process Automation Contractor** at Save-A-Life CPR, Waterloo, Canada. Jan. – Apr. 2018, Aug. 2019.

- Assisted a small business with submitting their course data to the Red Cross in real time.
- Worked one-on-one with the client to decompose the current manual process.
- Developed a simple **Java** app on **AWS Lambda** with an **API Gateway** to receive booking webhooks and forward the parsed info to the Red Cross.

**Web Development Contractor** at Lavender Life, Remote Work. Mar – May 2019.

- Assisted an e-commerce merchant by adding to and improving their Shopify store.
- Built custom features for their website using **jQuery, JS, CSS, and HTML**.
- Revised the Shopify theme to allow the merchant to modify or extend my work without assistance.

## PROJECTS

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**Extra Verification**, Shopify App. 2018.

- A stand-alone Shopify app that protects small store owners from fraudulent orders and chargebacks.
- Recommended by Shopify Staff in March 2019 and installed in over 400 ecommerce stores.
- **Bootstrap/jQuery/Polaris** front-end with a **Rails** back-end utilizing **Sidekiq** and **Redis** for webhook job processing.

**Jekyll-Reflection**, a Jekyll Theme Used for Danielwyckoff.ca. 2019.

- Built an online resume theme for **Jekyll** that also serves to showcase personal achievements.
- Managed to achieve 100% in each applicable section of Google's Lighthouse auditor.
- Written with **Jekyll, HTML, JS, and CSS**, and hosted on **AWS Amplify**.

## EDUCATION

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**University of Waterloo**, Honors BCS with a Minor in Combinatorics and Optimization. 2015 – 2019.

**Relevant Studies:** Machine Learning, Algorithms, Data Structures, Networking, Concurrency, Security