

# Alina Kravchenko

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## Education

### Bachelor's Degree, Honours - Computer Science

September 2018 - April 2022

QUEEN'S UNIVERSITY

Kingston, Canada

- 4.0 GPA, Dean's Honour List for all academic years
- Relevant courses: Algorithms, Data Structures, Database Management Systems, Discrete Math, Logic for Computing, Quality Assurance, Software Development, Statistics, System Level Programming, Web Development

## Skills

**Languages** Java, Python, Swift, C++, Bash, VBA Excel, SQL, PHP, HTML, CSS, JavaScript

**Technologies** Git, Xcode, Qt Creator, Amazon QuickSight, MySQL, Selenium, Jira, GitHub, GitLab, Ansible, Microsoft Office, Adobe Photoshop

## Experience

### Software Engineer

May 2021 - August 2021

BELL Toronto, Canada

- Developed Unix Shell and YAML scripts to automate shell tasks on Ansible Tower for remote hosts via SSH, significantly improving efficiency
- Debugged Gitlab CI/CD pipeline for faulty YAML code to allow valid testing processes to run
- Managed the version control of my own projects in Gitlab, as well as participating in my team's repository
- Created service instance requests with Postman, and helped troubleshoot failed processes with status GET requests
- Led educational presentations to colleagues about potentially useful technologies

### Web Developer

June 2020 - August 2020

ONTARIO PUBLIC SERVICE Toronto, Canada

- Completed QA tickets to locate and document bugs in government portal website, including PHP, JavaScript, HTML and CSS files
- Developed Selenium scripts to automate form completion and improve efficiency
- Led and participated in Scrum meetings to complete required specifications in an Agile team

### System Analyst

July 2019 - August 2019

LARR SALES INC. Toronto, Canada

- Joined and manipulated datasets in Amazon QuickSight, a business intelligence (BI) dashboard tool
- Created calculated fields for pivot tables to generate live graphs and analyses, reducing reporting time by 95%
- Automated industry-specific processes in Excel VBA, improving efficiency by 95%

## Projects

### Personal Portfolio Website 🔗

January 2019 - Present

HTML5, CSS3, JAVASCRIPT

- Develop a professional website to showcase demos of my projects, as well as relevant information for recruiters
- Regularly add new features to improve UI and facilitate delivery of information, such as dark/light mode for app demos, and a language toggle for the resume viewer
- Improve performance and efficiency by following best practices of web development, SEO, and reducing file sizes
- Learn about website hosting, purchasing a domain, configuring DNS settings, Search Engine Optimization, making a sitemap, and cross-platform compatibility such as accounting for different screen sizes and icon images

### Airline Database Manager 🔗

March 2021 - April 2021

SQL, PHP, HTML5, CSS3, JAVASCRIPT, XAMPP, REMOTE MYSQL, HEROKU

- Full-stack development of a dynamic web app as a final project for a university Databases course
- Wrote the schema and complex SQL queries for a database to simulate airline information, displayed with intuitive functionality using PHP and JavaScript for the back-end
- Created a great UI through careful front-end development, using HTML and CSS to configure animations, spacing, and colours
- To deploy the app, learned how to locally as well as remotely host databases and PHP sites, in addition to connecting with GitHub Pages

### LiveStocks 🔗

May 2020 - August 2020

SWIFT, XCODE, IEX CLOUD API, TIINGO FINANCIAL MARKETS API, APPLE SF SYMBOLS

- iOS app developed with self-taught knowledge of Swift language and Xcode IDE over the course of several months
- Tracks stock portfolio gains/losses of all your positions in real-time using live quote APIs
- Intuitive and appealing design with Light and Dark mode compatibility