

Iulian Turcanu

Software Developer



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<https://turcanu.ca/>

ABOUT ME

I am an enthusiastic Software Developer with hands-on knowledge of Programming, Frameworks and CI/CD. Well-versed in application lifecycle and familiar with agile development practices. Articulate communicator with all level of employees. Self-motivated to deliver clean code and exceed company expectations.

Software Skills

Programming Languages & Frameworks

- Java, Python
- Spring Boot, Security, OAuth2
- SQL, bash, R

Web Development

JavaScript, React, HTML/CSS, jQuery

Software

- MySQL, PostgreSQL
- Git, GitHub/Actions,

Tools

- AWS, Docker, Kubernetes
- Google Analytics, MS Power BI, Klipfolio
- Maven, Postman

Education

College Diploma/Computer Programmer,

Honours

Algonquin College

2018 - 2020

Bachelor's Degree in Health Sciences

State University of Medicine, Moldova

2005 - 2009

Relevant Experience

Junior Analyst

Canadian Institutes of Health Research / Ottawa, ON / January 2020 – August 2020

Junior Analyst co-op position with the Funding Policy and Analytics team.

- Developed scripts for data processing for analysis with visualization in R.
- Designed and created R/shiny data visualization dashboards for Web publishing. Attention on story telling through visualizations for ease of consumption.

Student Peer Tutor

Algonquin College / Ottawa, ON / 2019 - 2020

- Peer tutor for Computer Programmer students. Tutored an average of three to five students weekly on Java, SQL, Database, and Web Programming to enhance their knowledge and understanding of advanced concepts.

Self-managed Projects

- [Spring Boot REST API with AWS Cognito Auth](#) – an app to explore API authentication with AWS Cognito and OAuth2 flow with JWT tokens. Uses Maven and GitHub actions for building and testing. Working on automated Kubernetes deployment to my cluster in AWS.
- [turcanu.ca](#) – personal website (used GitHub Pages, HTML, CSS, JavaScript)
- [Oceanic Impact](#) - a dynamic environmental website designed to educate the community about water pollution (school project). Tech used: PHP, HTML/CSS/JS, Google Maps JS API, MySQL for user data and clean-up project locations.
- [streetartottawa.ca](#) – contributor to site for murals in Ottawa. Provided integration with Google Firebase and Instagram for image management.