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Ben Gavrilov

EDUCATION

UNIVERSITY OF TORONTO
CANDIDATE, HONOURS BACHELOR OF SCIENCE
Specialization in Software Engineering
Minor in Statistics
3B Term | Expected April 2021

STEPHEN LEWIS SECONDARY SCHOOL
June 2017 | Vaughan, ON

LINKS

GITHUB:
github.com/bengavrilov
LINKEDIN:
www.linkedin.com/in/ben-gavrilov

COURSEWORK

UNDERGRADUATE
Scientific Computing/Computational Theory
Abstract Data Structures and Algorithms
Data analytics and Storage Optimization
Testing and Quality Assurance
Applied/Functional Programming
Mathematical Economics/Statistics

INDEPENDENT
IOS Application Development
Web Development
Deep Learning: Neural Networks
Financial Markets: Stocks, Futures, Options

SKILLS

TECHNICAL
Working Experience:
C# ● Java ● Python ● JIRA ● ASP.NET MVC v4+ ●
jQuery ● Bootstrap ● Angular ● NoSQL ● Jenkins ●
MS SQL Server 2008+ ● OpenShift ● Elasticsearch
Academic Experience:
Java ● JavaScript ● C ● LaTex ● Xcode ● Unity ●
Spring Boot● CSS ● SVN ● HTML5 ● Azure DevOps

TRANSFERABLE
- Excellent oral and written communication skills
- Performs well under pressure and tight timelines
- Proficient problem solving and logical analytics abilities
- Refined team building and collective work efficiency

EXPERIENCE

Technical Systems Engineer Co-Op | Royal Bank of Canada (RBC)
May 2020 – August 2020 | Toronto, ON
- Worked within the **data environment** team to maintain information systems on the cloud
- Developed java applications using Spring Boot and Thymeleaf MVC for data processing pipelines
- Delivered applications utilizing rest API calls from internal microservices that connect to the ELK (Elasticsearch, Logstash, Kibana) stack (NoSQL) through OpenShift (docker, Kubernetes) automation
- Increased logback processing time by 35% through multithreading with file channel streams and byte buffers
- Set up a monitoring service for an internal server with agents tracking API calls, resource allocation, and response time aggregation

Software Engineer Co-Op | Bond Brand Loyalty
May 2019 – August 2019 | Toronto, ON
- Developed to specifications based on PBIs (Azure DevOps) using Java, Jenkins automation, and Spring Boot frameworks
- Designed, coded, tested, debugged and documented web applications – Desktop and Mobile responsive sites
- Delivered solutions balancing technical and business requirements with the Digital Development team
- Upheld back-end by maintaining UAT/PROD MS SQL servers, databases, and Web/Rest APIs for **Scotiabank Rewards**
- Developed front-end user interface utilizing HTML5, CSS, jQuery, Bootstrap, and Angular infrastructures

Projects (all accessible via personal site or GitHub)

Personal Website | bengavrilov.com
April 2020 - Present | Toronto, ON
- Created a portfolio website showcasing all my qualifications, projects, and academia using HTML5, CSS, and JavaScript (jQuery)

Pathfinding Visualizer |
April 2020 – Present | Toronto, ON
- Developed a pathfinding algorithm that visualizes the workflow of weighted (Dijkstra's & A* search) and unweighted (Breadth-first search & Depth first search) algorithms
- The GUI was developed with HTML5, CSS, and JS (Bootstrap)

Chatting Platform |
May 2020 – Present | Toronto, ON
- Constructed a chat application that hosts a main server (main lobby per say) where people can login and chat from anywhere
- Upheld by tools like Node.js, Express, JS, and WebSockets