Stevan Beljic – Computer Science & Finance Student

359 Douglas Glen Close SE
Calgary, Alberta T2Z 2V8

Cell: 403-408-6951
E-mail: stevanbeljicp@gmail.com

EDUCATION

Attending: University of Calgary   **September 2018- Ongoing**

- 4th year Finance Student (BComm)
- 4th year Computer Science Student (BSc)
- Finance and Computer Science – Combined Degree
- Language competencies in Java, C and Python
- Further experience includes C++, Haskell, and currently learning SQL and HTML
- Currently enrolled in: **Programming Paradigms, Computer Networks, Database Management Systems, and two Finance classes**

PROFFESIONAL EXPEREINCE

Alberta Health Services – Coop Work Experience Student   **January – September, 2022**

- Use BluePrism to automate automation opportunities in HR and Finance, generating savings for the organization measured in FTE
- Meet with business groups and subject matter experts to understand automation opportunities and business needs and understand how they can be translated into an automation
- Develop documentation (Process Definition Document, Solution Design Document) and diagrams (Process Flow Diagrams) to depict business requirements and project expectations
- Engage regularly with team members and mentor to identify, diagnose, and solve bugs

COMPUTER SCIENCE EXPEREINCE

Java   **Since 2015**

- Computer Science 219 – **Introduction to Computer Science for Multidisciplinary Studies II**
  - Learning to program in Java with an emphasis on object-oriented analysis and design
  - Created an election poll tracker application which takes either user input with a GUI or randomly generated input, and displays it in various graphs and GUIs
- Software Engineering 300 – **Introduction to Software Engineering**
  - Learning the development and evolution of software. Involved understanding the stages software goes through throughout the development process, and how to efficiently manage and build upon various iterations of software
  - Created a simulation of a grocery store self-checkout machine. The machine involved a GUI for both the customer to scan and checkout items, as well as a separate GUI for a machine attendant to monitor and control the operation of the self-checkout machines.
- Computer Science 331 – **Data Structures, Algorithms, and Their Analysis**
  - Understanding fundamental data structures such as arrays, lists, stacks, queues, trees, hash tables, and graphs. Also focused on searching and sorting algorithms, their correctness and efficiency.

C and Assembly   **Since 2020**

- Computer Science 355 – **Computing Machinery I**
  - Learned about the internal workings of CPU architecture. Created basic programs such as an array sorter and basic multiplication programs in low-level Assembly language through manipulating and managing information stored in CPU registers

- Computer Science 217 – **Introduction to Computer Science for Multidisciplinary Studies I**
    - Learning basic computational language and problem solving in a high-level language
    - Projects include a graphing program which acted as a graphing calculator for inputted equations, as well as a simple *Snake* game

VOLUNTEER EXPEREINCE
Organization: SKUD Frula
- Volunteering annually for the Serbian Cultural Community at events such as Casino Fundraisers, Serb Fest, and various fundraiser events

Additional Skills

- Algorithm design and analysis
- GUI Development
- Large-scale project management and maintenance through GitHub
- Programming in NetBeans, Notepad++, Eclipse, and Visual Studio
- Fluent in English and Serbo-Croatian
- Conversational French
- Microsoft Office
- Communication, problem solving and working within a team

References available upon request