BARTOSZ KOSAKOWSKI

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SKILLS

PROGRAMMING LANGUAGES: Java, Python, HTML/CSS, SQL, Bash, Ruby, JavaScript, C, Elm, C#.NET, XAML, VB.NET
TOOLS: Eclipse Neon, Sublime Text 3, Idle 2.7/3.6 for Python, Unix Command Line, Adobe Photoshop CS3, Git, SVN, Windows Terminal, JobBOSS, Microsoft Dynamics AX, Visual Studio 2015/2017, Microsoft SQL Server 2014
OTHER SKILLS AND TOOLS: Fluent in Polish

EDUCATION

McMaster University
June 2015 to Current
B.A.Sc. Honours Computer Science 2020

EMPLOYMENT

Ontario Financing Authority
1 Dundas St W #1400, Toronto, ON M7A 1Y7
Junior Developer
Apr. 2018 to Current
- Developed features and fixed bugs for financial software used in-house, as well as by major banks, using C# .NET, VB .NET, and SQL.
- Provide technical support for a variety of applications, in order to add value to newly installed and existing computer systems.
- Assisting in the building of software using VB, C#, and T-SQL.
- Creating and modifying reports using Active/Crystal Reports.
- Performing data validation and comparison.
- Gathering requirements through interactions with clients and developers.
- Participated in SCRUM meetings to coordinate development with the team, as well as provide updates for my supervisor and establish new tasks while progressing on the provided tickets.

Cyclone MFG Inc.
7300 Rapistan, Mississauga, ON L5N 5Z4
Production Planning Assistant
May 2017 to Aug. 2017
- Transferred part information from JobBOSS into Microsoft Dynamics AX.
- Rapidly released over 600 work orders and 50 part templates using Microsoft Dynamics AX and JobBOSS ERP software, reducing team's workload drastically.
- Reviewed engineering documents and drawings, and purchase orders to ensure data quality and correctness, resulting in faster and easier work order releasing.
- Trained several new employees in production planning, as well as mentored their progress, allowing for senior members to focus on other tasks, and improving the productivity of the office.

PROJECTS

DnD DM Screen
Sept. 2018 to Current
- Created using C# .NET in Visual Stuido 2017.
- A desktop software that provides Dungeons and Dragons Dungeon Masters with a series of tools to create more a more immersive experience for their players.
- Allows for easier managing of multiple campaigns, ease of modification and customization of existing campaigns.
- Developed a website that will provide users with resources and help for issues, as well as track the development of the software (once it is released) - visit it at http://bartkosa.com/DmScreenHelp/

Movie Reviews Web
May 2018 to June 2018
- Created using MVC framework in C# with Visual Studio 2017, SQL Server 2014, CSS3, and CSHTML with Razer Views.
- Contains the same features as the desktop version, but is implemented as a web app.

Movie Reviews
Apr. 2018 to May 2018
- Created using C# with Visual Studio 2017 and SQL Server 2014.
- Movie Reviews is a desktop app that allows for users to sign up, log in, create and edit their profile information, view details about movies, leave reviews on them, and create a friend network.
- Implements a GUI using WPF, and connects to a database to store user's account information, reviews, movie information, and other data.

Poke-Bot
Oct. 2017 to Oct. 2017
- Created using Python 3 with discord.py, asyncio, urllib, BeautifulSoup4, requests, io, and PIL packages.
- A bot for the Discord chat software that allows a user to search for Pokemon by typing !pokebot <Pokemon name> into the chat.
- Finds the specified Pokemon number from a local text file, then searches serebii.net for relevant data and an image of the Pokemon.

Conway's Game Of Life
Feb. 2018 to Mar. 2018
- Created using Java with various built-in libraries such as Swing and Graphics.
- A tool used to visualize Conway's Game of Life with a 100x100 grid of cells.
- Provides a UI that allows for the user to start and stop a simulation, select one of four population seeds that affect the final outcome of the simulation as it progresses, and pick a new seed after pausing the current one.

RELEVANT COURSEWORK

- Data Structures and Algorithms
- Databases
- Information Security
- Concurrent Systems

VOLUNTEERING

McMaster Outreach · Volunteer
Oct. 2016 to Oct. 2016
1280 Main St W, Hamilton, ON L8S 4L8
- Volunteered with the McMaster University Outreach program over the October 2016 reading week to encourage local elementary school children to pursue studies in Computer Science.
- Tutored very basic elm syntax to elementary-level children.