

BARTOSZ KOSAKOWSKI

THIRD YEAR HONOURS COMPUTER SCIENCE STUDENT

✉ kosakowb@gmail.com 🌐 bartkosa.com ☎ 647-785-3550

in bartosz-kosakowski-4160b1137/ 📍 Bumbatumbarumba

EDUCATION

McMaster University

B.A.Sc. Honours Computer Science 2019

EMPLOYMENT

Cyclone MFG Inc.

Production Planning Assistant

7300 Rapistan, Mississauga, ON L5N 5Z4

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.
- Trained several new employees in production planning, as well as mentored their progress, allowing for senior members to focus on other tasks.

PROJECTS

Nosophobic

Jan 2017 to Mar 2017

- Created using Java, HTML/CSS, and Javascript, with the Google Maps Javascript API.
- In a team of four people, we created a web app that would read a CSV file of government data that indicated the prevalence of various diseases, and then display a heatmap of the danger level.
- Implemented a quick sort capable of searching based on the state (location), disease, or frequency of the disease.
- Used Agile development process (Scrum) to efficiently progress the development of the project.

Personal Website - bartkosa.com

Sep 2017 to Current

- Created using HTML/CSS.
- Personal website used to display experience, personal and school projects, skills, and other topics.

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.

Discord Bots

Oct 2017 to Current

- Created using Python 3 and the discord.py package.
- A package of bots that interact with the Discord chat software.
- Perform various functions, such as a Magic Conch that emulates a Magic 8-Ball, give the time in a silly manner, and other fun things.
- Periodically being updated with new bots as ideas are generated.

SKILLS

PROGRAMMING LANGUAGES: Java, Python, HTML/CSS, SQL with DB2, Bash, Ruby, JavaScript, C, Elm

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

OTHER SKILLS AND TOOLS: Fluent in Polish

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.