

Jake De Franco

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Objective:

Looking for a full-time job starting summer 2020 in the information technology field: software development or system security.

Education:

- Currently studying at the University of Toronto. Graduation date: April 2020
- Honours Bachelor of Science with a major in computer science and minors in economics & mathematics

Experience:

Development Engineer | Points International LTD.

May 2018 - September 2019

- Worked on the Loyalty Commerce Platform team, developing new features and improving existing features of the platform's API.
- Participated in Agile ceremonies with the team, which included daily scrum meetings, sprint planning and sprint retrospective meetings.
- Created a load test application that would test the capabilities of the platform API and measured response times to determine the maximum load the API could handle.
- Reviewed other developer's work (peer review) and provided constructive feedback. Also ensured that their solution was properly tested.
- Developed unit test on other developer's code to ensure that their code ran successfully and met the goal of the task highlighted in the story.

Main Technology: Python, PostgreSQL, Locust, Git, JIRA

IT and Development | BMO @ Customer Information Payment Gateway (CIPG)

Summer of 2016

- Worked on two development tasks involving a password rule change and an altering encryption protocol.
- Researched and created an interactive web-based diagram of the BMO payment systems that interact with CIPG.
- After interviewing the developers in CIPG, consolidated their knowledge, prioritized which factors were most important to keep and how best to order the data.
- Presented and demonstrated the final product to the team, as well as my supervisors, and created documentation on how to use the system
- Facilitated and documented the outcomes from a team meeting focused on how to improve the workplace as a part of an employee satisfaction survey.

Main Technology: Microsoft Visio, BMO specific software

QA Analyst | FIS Solutions Canada

Summer of 2015

- Worked as a QA analyst on a software development team whose objective was to deliver wealth management software for large financial institutions.
- Was apart of an agile team and participated in ceremonies with the team, which included daily scrum meetings, sprint planning and sprint retrospective meetings.
- Wrote structured test scripts based on detailed specification documents from BAs and ensured they were tested and that the results got back to the developers as soon as possible to fix any issues.
- These tests involved inspecting the product's GUI as well as looking through an SQL table to ensure that the correct data had been stored.
- Upon finding an issue, it was documented and then reported the developers where I would then support the developer to resolve the issue and retested.

Main Technology: Microsoft Excel, Sybase, ORACLE

Computer Science Camp Counsellor | Thinnox Design Academy

Summer of 2017

- Taught elementary school to high school students the basics of computer programming in Python, Java, C, C++, HTML and CSS.
- Created worksheets, with questions ranging in difficulty for the students, to ensure that the students were understanding the topics covered in class. This assisted with the base lesson plans.
- Lessons included basic software design principles and how to create unit tests for their projects to ensure that their code worked as intended.
- Student's final projects included games, websites or simple AIs.
- Encouraged questions from both the students and their parents to ensure that the students understood the material and that the course met the parent's expectations.

Main Technology: Python, Java, C, C++, HTML and CSS

Skills:

- Over two years of on the job experience in Python, SQL & GIT.
- Intermediate skill in Java, HTML, and CSS languages.
- Academic exposure to C, C#, C++ and Java-Script.
- Efficient in Microsoft Office Suite as well as Microsoft Visio.
- Took part in Agile software development and all the ceremonies.
- Able to use GIMP to create and manipulate images.
- Learned how to program heuristics into an AI using python.
- Learned information security as well as computer forensics.
- Planning on learning GO and to improve my skills in containerization using Docker.
- Strong interpersonal, communication, organization and presentation skills.
- Quickly able to establish rapport with staff and customers.
- A team player but also able to work independently.
- Hardworking and can be relied on to complete tasks on time.
- Enjoys learning new ideas and concepts in technology.
- Able to learn and understand new concepts quickly.
- High attention to detail and looks for solutions that match the goal criteria.
- Enjoys looking back at past solutions and seeking ways to improve them.
- Experience working in social committees to help improve employee satisfaction.