Owen Ford

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EDUCATION

QUEENS UNIVERSITY, Kingston, ON
BASc in Computer Engineering, 09/2016 – 04/2021
- **Relevant Coursework:** Database Management; Digital Systems Engineering; Operating Systems; Machine Learning; Artificial Intelligence; Software Quality Assurance; Software Performance Analysis.

PROFESSIONAL EXPERIENCE

BAYCREST HEALTH SCIENCES, Toronto, ON
Junior Software Developer, 07/2019 – 09/2020 | Intermediate Software Developer, 09/2020 – Present
- Developed an application in Microsoft Power Apps for scheduling mask fitting appointments.
- Project Coordinator for the safety event reporting system update.
- Managed the Apple and Google developer accounts and coordinated between departments to publish apps.
- Assisted the migration of paper forms to electronic forms and on-premises solutions to cloud solutions, while improving workflow, coordinating business dependencies, and aiding development.
- Analyzed information from meetings, consultations with managers, directors, and executives, to assess clients' needs and create plans for solutions to be developed.
- Coordinated business requirements and assisted with development/maintenance of numerous COVID-19 relief solutions.
- Evaluated the eligibility of software migrations or new software implementation for proposed solutions.

FOR GOODNESS SAKE, Bonita Springs, FL
Social Media Coordinator, 05/2018 – 08/2018
- Revised the website to reflect a new approach to health, which focuses on people's lifestyle or ailments.
- Assisted with the conversion of the point of sale (POS) system to a more modern system, Clover, which is more flexible and utilizes third party software for extras like rewards and memberships.

TECHNICAL SKILLS

- **Coding Languages:** JavaScript (along with React and React Native), HTML, CSS, Java, and Python.
- **Data Analysis:** SQL, MATLAB, and KNIME.
- **Content Storage and Collaboration Tools:** Microsoft SharePoint 2013 On-Premises, and Microsoft 365.

PROJECTS

PIZZA FINDER APPLICATION - https://github.com/15of11/team5
- Created a locally hosted website interface with user I/O. (HTML)
- Integrated google maps API and web scraping libraries to scan multiple restaurant websites with 95% accuracy on the tester website. (Python)
- Achieved 3rd place at the Queen's Engineering Competition.

SEET-GEEK APPLICATION - https://github.com/15of11/seet-geek
- Created a locally hosted ticket buying/selling website with a backend SQLite database.
- Performed thorough automated testing using PyTest and SeleniumBase API.
- Integrated the site into a Docker container.

OVARIAN CANCER MOBILE APP - https://github.com/mmont429/OvarianCancerApp
- Created a mobile app that allows doctors to fill out patient information and receive feedback from the app.
- Uses a neural network to predict whether a patient shows potential signs of ovarian cancer.
- Continually gathers data to improve neural network and provides information and testing options to increase awareness.