

# Owen Ford

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## EDUCATION

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### 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

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### HSO, Toronto, ON

Junior Software Developer, 07/2021 – 04/2022 | Software Developer, 04/2022 – 12/2022

- Developed multiple end-to-end CRM migration/integration solutions for Dynamics365, using SSIS, KingswaySoft, and Azure.
- Developed a customer analytics proof-of-concept using a Duns and Bradstreet API to provide a client with enriched customer data to create organized and useful product and customer hierarchies.
- Used Microsoft PowerBI to develop multiple in-depth dashboards for a client's customer service team.
- Created front-end web resources using JavaScript.
- Handled all my projects Azure SQL databases.
- Managed bug fixes, quality of life changes, and client change-requests.

### BAYCREST HEALTH SCIENCES, Toronto, ON

Junior Software Developer, 07/2019 – 09/2020 | Software Developer, 09/2020 – 03/2021

- Developed an application in Microsoft Power Apps for scheduling mask fitting appointments.
- 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.
- Coordinated business requirements and assisted with development/maintenance of numerous COVID-19 relief solutions.

## TECHNICAL SKILLS

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

## PROJECTS

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### 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.

### PIZZA FINDER APPLICATION - <https://github.com/15of11/team5>

- Achieved 3rd place at the Queen's Engineering Competition.
- 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)

### 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.