ORI WIEGNER

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EDUCATION

Honors Bachelor of Computer Science   **Graduated Jan 2022**

Lassonde Faculty of Electrical Engineering and Computer Science, York University, Toronto, ON

- Golden Keys International Honors Society recipient; given to the top 15% of students in each faculty
- Awarded York University Academic Scholarship 2018, 2019, 2020; Awarded the Lassonde Undergraduate Research Award (LURA) 2019

Bachelor of Science in Medical Radiation Sciences and Advanced Diploma Program   **Graduated June 2016**

Faculty of Radiation Oncology, University of Toronto and Michener Institute of Applied Science, Toronto ON

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, Typescript, SQL, SQLite, HTML, CSS, C, Bash

Frameworks/Tools: Express.js, Flask, React.js, AngularJs, Angular 2+, MongoDB, Spring, Protractor, Jenkins, Bootstrap, SCSS, Git

WORK EXPERIENCE

Senior Software Developer | *Java Spring, swagger, Apigee, Mongo, Jenkins, Mockito*   **Feb 2022 - Current**

Royal Bank of Canada (RBC), Toronto, ON.

- Collaborated in a multidisciplinary **agile** team consisting of 8 members, designing backend **Springboot microservices**
- Maintained and developed **Reactive REST APIs**, created **Mongo** queries, and designed email services utilizing the EWS api
- Lead an initiative that increased the number of junit tests from 15 to 70 for a specific service

Software Developer Intern – Amplify Program | *React.Js, Flask, MS SQL Server, Openshift*   **May 2021 – Aug 2021**

Royal Bank of Canada (RBC), Toronto, ON.

- Software developer in the Amplify summer incubation program tasked with designing a **minimal viable product** for RBC
- Created a patent pending investment portfolio analyzer web application deriving features from data collected through client interviews
- Selected technology stack based on project requirements, implementing a **Flask REST API** and **React.js** frontend

Software Developer Intern | *AngularJs, Angular 2+, HTML, SCSS, Typescript, JavaScript, Git*   **May 2020 – May 2021**

CaseWare International, Toronto, ON.

- **Frontend developer** for the CaseWare cloud accounting product
- Successfully fixed 25+ code bugs, created 3 new features and designed 2 internal tooling software used within the cloud product
- Responsible for updating **automation** and **unit testing**, converting components from **AngularJs** to **Angular9**, leading research spikes

Data Scientist – Research Assistant | *Python, OpenCV, SciPy, sklearn*   **May 2019 – Oct 2019**

Lassonde School of Engineering York University, Toronto, ON.

- Worked with York Professor Suprakash Datta on an abstract "Automatic Labeling of Lung tumors in CT Scans" and presented findings in the Lassonde Undergraduate Summer Student Research Conference
- Utilized research skills to conduct preliminary literature reviews and obtain data sets to feed machine learning system
- Independently designed the system which leveraged machine learning algorithms **(Support Vector Machines)** to automatically process CT scans to detect and flag lung tumors with an accuracy of 75% on the testing data

RELEVANT EXPERIENCE

MyBoard – Web App | *node.js, Express.js, sqlite3, Knex.js, Angular 9*   **Jan 2021**

- Created a full stack node.js and Angular web application called MyBoard, where users create discussion boards on their favourite topics
- Implemented best security practises through the utilization of the bcryptjs library to store sensitive user information in a sqlite3 database

Bethune Peer Tutor   **Jan 2019 – Nov 2019**

Bethune Collage York University, Toronto, ON.

- Responsible for tutoring 12 York students in university level math and computer science courses (first to third year courses)
- Collaborated with York professors to create tutorial lesson plans to improve student learning during the tutorial sessions

Radiation Therapist Clinical Placement   **Sept 2015 – July 2016**

Princess Margaret Hospital, Toronto, ON.

- Completed 1600 hours of clinical placement which required learning and operating technical equipment used for cancer treatment
- Educated and supported patients during the radiation treatment process, providing solutions for dealing with radiation induced side effects

HOBBIES

Stand-up comedy writing

- Strengthen my improvisation, public speaking, presentation skills through creating and performing stand up routines at various clubs