JOSHUA **WILKINSON**

1B SYSTEMS DESIGN ENGINEERING

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EXPERIENCE

QA Developer | DelphX Divisional Office
JAN. 2019 - MAY. 2019

- Programmed automation tests in **Python** and committed changes using **GIT**.
- Further developed analytical and technical skills by analyzing logs with **Kibana** and **Kubectl** pods.
- Navigate and alter databases using **SQL**
- Host and monitor micro-services using **Kubernetes** with **Docker**.
- Organized Work-flow with Atlassian and Bitbucket.

Software Developer | TechXplore UofT
FEB15-16. 2019

- **Developed** an app, "Nailed It", using open-source **AI** (Tensorflow) and **Python**.
- Placed 2nd in the HackXplore health centred hackathon.
- App designed for the early-stage diagnosis of anemia, illnesses stemmed from oxygen deprivation, and various infections by analyzing the discrepancy between a user's skin and nail colours.

PROJECTS

Mario Math | Java, Swing GUI
Mario Themed Arithmetic Game

- **Programmed** a 2D GUI game using **Java** and the **Swing GUI** toolkit to provide an engaging way for children to practice mental math and arithmetic.
- **Designed** a progressive storyline requiring users to answer successive arithmetic questions to advance.
- **Engaged users** with familiar "Super Mario" visuals, audio, as well as moving elements.

Portfolio Website | HTML, CSS, JS, Bootstrap
Mario Themed Arithmetic Game

- **Designed** and developed a personal portfolio website by applying my knowledge of **HTML, CSS, JS.**
- Utilized popular CSS framework, **Bootstrap** to maximize efficiency and create a **responsive** web-page.
- Demonstrated **resourcefulness** by utilizing open-source JS visual effects.

TOOLBOX

Development:
- HTML & CSS
- Bootstrap
- Javascript
- Node.Js
- React.Js
- Python
- Java
- C++

Design:
- Sketch
- Adobe XD
- Illustrator
- Solidworks
- Photoshop
- Lightroom
- Canva
- Figma

FUN FACT

I own a Shopify store selling popular anime and movie characters and plushes. I market using Facebook and Instagram and enjoy marketing to different niches and better understanding my consumers.

EDUCATION

Systems Design Engineering
University of Waterloo

Relevant Courses:

- Human Factors in Design
- Digital Computation
- Data Structures and Algorithms