JOSHUA **WILKINSON**

SYSTEMS DESIGN ENGINEERING

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EXPERIENCE

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

- Programmed automation tests in **Python** with NoseTest and committed changes using **GIT**.
- Diagnosed and maintained web applications with micro-services using **Kubernetes/Docker**.
- Further developed analytical and technical skills by analyzing logs with **Kibana**.
- Experience with **Azure** Deployment.
- Organized Work-flow with Atlassian and Bitbucket.
- Worked daily with ElasticSearch, SQL, in a fast-paced start-up environment.

Software Developer | TechXplore UofT Hackathon
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.
- **Integrated** knowledge of Object Oriented Programming(OOP).

Portfolio Website | HTML, CSS, JS, Bootstrap
jjwilkin.github.io

- **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

Skills:

- Python, Node
- Javascript, React, Vue, jQuery
- HTML5 & CSS3, Bootstrap
- Java, C++
- Kubernetes, Azure, SQL
- Git, Bash
- Excellent Oral/Written Communication

Design:

- Sketch
- Adobe XD
- Illustrator
- Solidworks
- Photoshop

EDUCATION

Systems Design Engineering
University of Waterloo

Relevant Courses:

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

FUN FACT

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

INTERESTS

Toronto Raptors, Ping Pong, Photography, Ted Talks, YouTube Tutorials