Alexander Kingsland

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HIGHLIGHTS OF QUALIFICATIONS

- Specializing in scalable architecture design and Python development from workplace and project experience.
- Experienced in front-end development and REST using the React framework through project and workplace experience.
- Meticulous application of software testing and documentation principals gained from workplace experience.
- Proactivity in asking for help, communication, and eagerness to learn was instilled from start up experience.

EDUCATION

Bachelor of Engineering – *Software Engineering*   **September 2016 – April 2021**
McMaster University | Hamilton, ON

- Currently maintaining a 3.5 GPA on a 4.0 scale, emphasis in Programming and Software Design.
- Received golden key award for students in the faculty of Engineering with a cumulative GPA in top 15% of the faculty.

WORK EXPERIENCE

MDA Corporation – *Software Engineering Internship*   **April 2019 – August 2020**
Machine Learning R&D   **Brampton, ON**

- Developed a Machine Learning pipeline to predict rate limits of the Canadarm given a specific load configuration.
- Created documentation and courseware modules covering concepts implemented in the pipeline and held weekly meetings to ensure a seamless transfer of knowledge to the software engineers taking over the project.

Johnson Controls – *Software Engineering Internship*   **July 2018 – August 2018**
Systems Integration   **Concord, ON**

- Setup security systems to perform stress tests and verify functionality as according to requirement specification.
- Setup firmware of certain components to be used in engineering field trials.

Exactus Energy – *Engineering Internship*   **June 2017 – November 2017**
Solar Engineer in Training   **Toronto, ON**

- Visited client buildings to record the dimensions of attic structure and sign papers authorizing solar panel installation.
- Optimized the solar panel layout on the client's roof in AutoCAD, design is approved then sent to the builders.

PROJECTS

HedgeHog   **March 2020 – Present**
Software Application

- Software application that automates investment portfolio trading using delta hedging strategies.
- Application automates trading in real time by screening for undervalued options, then evaluating multiple strategies based on market conditions, best ranked strategy will then be implemented via brokerage API.

ProFlightPhotography   **July 2017 – Present**
Start Up

- Sold the service of aerial photo shoots for realtors and private car collectors.
- Purchased a drone, marketed myself, created a website, business cards, and learned the basics of starting a business.

Automobile Mechanic   **July 2015 - August 2017**
Hobby

- Purchased, modified, and sold a variety of cars for profit.
- Modifications were mechanical and aesthetic ranging from engine refurbishment to body work.

SKILLS

Languages:	General:	Frameworks:
Python, Java, C#, C	Git, Bash, Linux, Windows	TensorFlow
HTML, CSS, JavaScript	Latex, Documentation	React, NodeJS
MATLAB, R	Project Management	Unity