FRANCOIS LOW

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EXECUTIVE SUMMARY

A personable, communicative developer who specializes in object-oriented programming languages. A 2022 Computer Science graduate of Memorial University interested in software development and computer vision.

TECHNICAL SKILLS

Programming Languages: Java, Python
Applications: OpenCV, Keras, Scikit-learn, Tesseract OCR
Web development: HTML/CSS, Bootstrap 4
Operating System: Linux

EDUCATION

Bachelor of Science (Computer Science). Memorial University of Newfoundland (St. John's, NL)
- Cumulative GPA: 3.71/4
- Expected Graduation Summer of 2022
- Dean's List Faculty of Science 2018-2019

PROFESSIONAL SKILLS DEMONSTRATED

NATIONAL ENVIRONMENTAL AGENCY   April 2018 – August 2018

A government organization which develops and spearheads environmental and epidemiology research programs in Singapore.
Research Assistant
Leads backend and field support for nationwide dengue control initiative, Project Wolbachia
- **Data Processing and Management:** Oversee the collection and analysis of field studies and lab reports.
- **Research Design:** Regularly develop protocols and procedures with supervisor.
- **Technical support:** Provide field support for deployment and collection of research specimens across the surveyed areas. Contributed to 80% reduction in the population of Aedes Aegypti mosquitoes.

NATIONAL HEALTHCARE GROUP   November 2017 – April 2018

A public healthcare system that manages several hospitals, national specialty centers, and polyclinics in Singapore.
Executive Assistant
Oversees management of the operational budgets, delegates and tracks administrative tasks.
- **Executive Support and Scheduling:** Prepare annual budget reports for scholarships, residency training of healthcare professionals.
- **Office Administration and Organization:** Drafting and filing formal documentation for new hires, recording employees' medical claims in the organization's HRIS system and filing physical copies appropriately for audit, insurance, and other record keeping purposes.

PROJECTS

COMPLETED

Receipt reader: Image processing of paper receipts using OpenCV and Tesseract-OCR to parse paper receipts and output receipt contents into a text document.
(November 2019 – December 2019)

ONGOING

Grocery budget app: Working on an expense report system that parse grocery receipts and extract relevant data to create a budget report from the purchases using deep learning and computer vision algorithms.
(December 2019 – Present)

Personal portfolio website: Building a responsive personal website using HTML/CSS and Bootstrap.

PROFESSIONAL SKILLS AND INTERESTS

• **Front-end Development**   • **Android App development**
• **Computer Vision**

AVAILABILITY

- 1 May – 31 August 2020 (Semester break)