

Kaish Panjwani

✉ panj8050@mylaurier.ca

☎ +1 (519) 721-5504

📍 Waterloo, ON

Important Links

- 🐙 GitHub: github.com/kaishp
- 🌐 LinkedIn: linkedin.com/in/kaishp
- 🔗 Website: kaishp.github.io

Education

Wilfrid Laurier University, Waterloo:
Bachelor of Science Honours
with CO-OP
(Sept 2018 – Present)

- Major: Computer Science
- Minor: Mathematics

Technical Skills

Languages: ARM Assembly, C/C++/C#, Dart, HTML, Java, Modern JavaScript, Python, R, SQL, VBA

Skills:

- Algorithm Design and Analysis
- Artificial Intelligence (Problem Solving, Searching)
- Automation with Python and VBA
- Circuit Design
- Command line (Bash, CMD)
- Data Structures (Hash tables, Graphs, Linked Structures)
- Event-Driven Programming
- Machine Learning (Classification and Clustering)
- Mobile Application Development
- Objected-Oriented Programming
- Operating System Architecture
- Software Engineering Fundamentals

Tools: Adobe Creative Suite, Altera Quartus II, Android Studio, Cygwin64, Eclipse, Firebase, Flutter, Git Bash, Heidi SQL, LATEX, Maple, Microsoft Office Suite, MySQL, R Studio, Salesforce, VSC

Work Experience

MotoInsight – Data and Automation Analyst (CO-OP Work Term 1) (September 2020 – December 2020)

- Refactored, documented and increased performance of previously automated scripts by almost 75% and created a user-friendly GUI for them
- Played a vital role in automating *Accessories Starter Pack*, *Report Creation*, *Dealership Discount Automation* and *Inventory Monitor Project*
- Also automated several tasks for Sales Team to aid in finding leads
- Most Scripts were written in *Bash/Batch*, *VBA*, and *Python* using *Numpy*, *Pandas*, *Beautiful Soup*, *Tkinter*, *Selenium* and *PyTest*

Wilfrid Laurier University – Assistive Technology Project Coordinator (October 2019 – March 2020)

- Generated and Tested Accessibility of forms and texts using *Adobe Acrobat Pro DC*. This included: *Content Tag*, *Logical Reading Order*, *Form Fields*, *Tab Order*.
- Also, worked with Accessible Software like: *Dragon Speech Recognition*, *Glean Notetaking*, *Kurzweil 3000*.
- Setup Computers for *SCCM Imaging*, which were used for conducting exams through ALC.

Projects

Calculus-Basic (<https://github.com/kaishp/Calculus-Basic>)

- Python Command line program with a user-friendly interface
- Solves basic algebraic equations, performs differentiation and integration, and calculates gradients at particular-point and definite integrals
- Processes an equation entered as a String and returns the answer in required format and datatype

Jaldi.io Project (<https://github.com/sharan-rohit-rai/jaldiio>)

- Mobile Application (Android and iOS)
- Programmed in Dart, using Flutter Framework, Google Firebase Realtime Database as Cloud-Hosted Database, and prototyped in Adobe XD
- This was a team project comprised of 5 members and the project followed SCRUM software development methodology
- Family centered social media application, where members can share images, contact info, recipes, etc. with one another and communicate via chat

IntelliSpyder (<https://github.com/kaishp/IntelliSpyder>)

- GUI and Backend, programmed in Python (Used Tkinter for GUI)
- Web Document Classifier program that is divided into 4-steps: Crawl, Extract, Prepare, and Classify
- Crawler will accept category names as a list and browse the web to collect web documents as a training data
- Extractor will extract training data from a html document to a readable format
- Preparator will convert the extracted data into word frequencies
- Classifier will then use Naïve Bayes Method to classify a given web document into one of the given categories and provide a probability factor