Kaish Panjwani

Wilfrid Laurier University | Computer Science (BSc Honours)

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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 **COOP**
(Sept 2018 – Present)

- *Major:* Computer Science
- *Minor:* Mathematics

The Aga Khan Academy, Hyderabad:
Bilingual *IB Diploma*
(Aug 2016 – May 2018)

- *Higher Levels:* Mathematics, Physics and Chemistry
- *Standard Levels:* English, Hindi at A-level and ITGS

Technical Skills

Languages: ARM Assembly, C/C++, CSS, HTML, Java, JavaScript, Python, R, SQL, VBA

Skills:

- Automation with VBA
- Block Chain
- Data Structures (Hash tables, Graphs, Linked Structure)
- Event-Driven Programming
- Logic Circuit design, simulation, creation, and testing
- Objected-Oriented Programming

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

Work Experience

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 tests through ALC.

Aga Khan Academy, Hyderabad – Club Technical Head
(September 2016 – December 2017)

- **USG of IT** for **AKAHMUN** and **MetroMUN:** Provided IT Support for the events, including designing all the *Posters*, *Website*, *Certificates*, *Plaque and ID Cards*, etc. Also, on the days of event, resolving problems like: *Internet Connectivity*, *Video Editing*, etc.
- Designed the new school newspaper template, which has been used ever since.
- Developed the skill of Event Management and Execution. Also developed the skill of leading, working and co-operating with a team.

Projects

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

Vending Machine

- GUI and Backend, programmed in Java Swing
- Fully functioning imitation of a Vending Machine GUI, including the option to select the product, choose the payment option (Cash or Credit) and Cancel Transaction if required

Multithreading testing Application

- GUI and Backend, programmed in Java Swing
- Testing active threads extending Java's Multithreading Class
- Creates and Deletes Threads on click of a button
- Runs and then sleeps a Thread for a certain amount of time

Automation Applications for Microsoft Access and Excel

- GUI and Backend, programmed in Visual Basic for Application
- User form provides an interface for what data needs to be retrieved from Microsoft Access Database.
- ADODB Connection Library and SQL were used to retrieve data.