Gurbaaz Singh Gill

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**Education:**

**Kings College London: 2017-2021**

*BEng. in Electronic and Information Engineering*

* Expected First Class upon graduation.
* Expected Graduation: May 2021
* First year results – Overall 75% with 83% in core modules.
* Second year results - Overall 74.6%.

**The High Range School: 2014-2017**

*AISSCE (CBSE) High School Diploma in Science.*

* **Class 12 Result (A-level Equivalent)** – 95.6%
* **Subjects:** Mathematics (95/100), Computer Science (98/100), English (97/100),

Chemistry (95/100), Physics (93/100)

* Award for most academically proficient student (2017)

*AISSCE (CBSE) Class X* (**GCSE Equivalent**) – GPA 10 (on a scale of 10)

**Work Experience:**

**Vice President Education (Arts & Sciences) – 2019-present**

***King’s College London Students’ Union***

* Director and Trustee of £7.1 million turnover charity.
* Elected full-time representative of 43,000 King’s students.
* Responsible for the reform of the Arts & Sciences portfolio spanning 5 faculties

& 15,000 students through diversification of curriculum, effective delivery of

Assessment and feedback, development of infrastructure and facilities etc.

* Led a delegation to UNSW Sydney, for the PLuS Alliance Global Leadership

Program and to University of Paris, for the Circle-U European Program.

**Undergraduate Teaching Assistant, Electronic Engineering Lab - 2019-present**

***King’s College London***

* Assisted Academics in Electronic Engineering Lab classes for 40 students

in year 1 and year 2.

* Displayed strong Analytical skills through troubleshooting and fault management

of circuits built by students.

**Student Ambassador, 2018-present *Faculty of Natural and Mathematical Sciences - King’s College London***

* Effectively managed stakeholders by being first point of contact between

Faculty and 3,700 undergraduate students**.**

* Engaged with over 2300 students by organizing 11 university-wide events

including Guest Lectures and open-days.

* Displayed key organizational skills by leading on legacy events such as the Annual

Higgs Lecture in honor of Nobel Laureate and King’s professor Peter Higgs.

**Summer Intern, Power and Energy Jul-Aug 18**

**– *TVS Srichakra Ltd.***

* Launched extensive Power Quality Study estimating power loss factors

repercussions and possible solutions across the entire plant.

* Presented findings and recommendations to senior management employing PowerBI.

Proposal led to a 16% increase against KPIs.

* Gained an accurate and deep understanding of power generation and propagation practices, maintenance of transformers and working principle of drives, Programmable Logic Controllers and SCADAs (Supervisory control and data acquisition).

**Skills and Projects**

* Strong programming background in Java (proficient), C++ (proficient) and C (learning), SQL, R and Python.
* Intermediate Arduino programming skills.
* Created a library management system in C++ as part of a project undertaken in the final year of school employing data files, data structures, various searching and sorting algorithms.
* Devised a system to estimate the purity of water using Arduinos and light sensors.
* Worked on an applet accumulating data of Airbnbs around London from a database and using it to suggest an Airbnb based on requirements using Java.
* Currently working on a project that involves building an Electroencephalogram from scratch (Using electronic components) and programming it to find electrical problems with the functioning of the brain**.**

**Positions of Responsibility:**

**Chair, Digital Subcommittee – *KCLSU*  2019-2020**

* Commissioned the £25,000 digital transformation of the union. Oversaw complete

redesign of website from scratch, to optimize UX, accessibility and load-times.

Move met with positive response against all KPIs – 15% increase in engagement and

26% increase in time spent on site.

**Member, Governance & Policy – *KCLSU* 2019-2020**

* Responsible for oversight of democratic structures, campaigns and strategy.
* Responsible for the design of new 6 year strategy.

**Head Boy – The High Range School 2016-2017**

**Certifications, Awards and Hobbies**

* **Fluent in 5 Languages:**

*English, Punjabi, Hindi, Tamil, Malayalam*

* **Boston Consulting Group – Mentorship Program 2020**

*Selected among 800 students for receiving application support.*

* **Student of the year – The High Range School 2017**
* **JN Endowment Education Scholarship - Tata Trusts 2017**

*For meritorious academic performance*

* **Letter of appreciation from the Education Minister of India 2015**

*For academic excellence in AISSCE (Class X) Exams (GCSE Equivalent)*

* **Captain, Table Tennis Team – The High Range School 2015-2017**

*Represented the school at the national level for 6 years.*

*Represented King’s College in the BUCS league (2017-2018)*

* **Courses:**

1. *Financial Markets – Yale University (Coursera)*
2. *Python and Statistics for Financial Analysis – HKUST (Coursera)*
3. *IBM Data Science Specialization (Coursera)*