

Angaar Uriakhil

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Profile:

A recent graduate with a first-class master's degree in Chemical Engineering, with a passion for sustainability and programming experience. A person who constantly pursues self-development and that can be relied upon to complete any task, no matter the complexity.

Education and Qualifications:

University of Surrey, Guildford

September 2016 – June 2020

Chemical Engineering MEng (Hons.) - First Class

Academic Achievements:

- Published master's thesis on PFAS treatment in the scientific journal *Chemosphere*, available [here](#).
- Member of STARS development scheme due to outstanding academic performance.
- Design Report (Role: Layout Engineer on the Claus Process) (Grade: 70%).

Lampton School, Hounslow

September 2008 – May 2016

GCSEs

11 GCSE's, A*-C, incl. English Language (A), Maths (A), Core Science (A), Additional Science (A*)

A-Levels

Mathematics (B), Chemistry (B), Biology (B), and English Literature (B) [English only at AS-Level]

Key Skills:

- **Computer literate:**
 - ✓ **Python & Javascript** – Completed several online courses (FreeCodeCamp, Codecademy, etc) in both languages. I recently developed a [chemistry-focused application](#) using Python.
 - ✓ **Python Pandas** - I can index databases using the pandas module for powerful data analysis.
 - ✓ Also proficient in technologies: **Git, SQLite3, HTML5, CSS3** (including Flexbox & Bootstrap).
 - ✓ Proficient in **Microsoft Word, Excel, Visio, PowerPoint**. Comfortable with advanced functions such as **IF, GOALSEEK, VLOOKUP** and using **Pivot Tables** and **Solver** in **Excel**.
 - ✓ Experienced in using process simulation software such as **Aspen HYSYS** and **CHEMCAD**.
 - **Driving:** Holder of a full UK driving license and a regular driver since September 2016.
 - **Languages:** Fluent in Farsi and English, Advanced in Urdu/Hindi. Basic in German.
 - **Electronics repair:** Competent at electronics disassembly, using a multimeter and soldering.
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Certifications:

- ✓ Javascript Algorithms and Data Structures ([FreeCodeCamp](#))
- ✓ Scientific Computing with Python ([FreeCodeCamp](#))
- ✓ Responsive Web Design ([FreeCodeCamp](#))
- ✓ LinkedIn Assessment badges in Javascript, Python, Git, OOP, MS Excel, Word, PowerPoint.

Work Experience

Seller/Technician (e-commerce shop)

October 2020 – December 2020

- Repaired electronic devices by using problem-solving skills, & specialist tools (e.g. multimeter).
- Solely responsible for organising item shipping, tracking, pricing, handling customer enquiries.
- Calculated profitability for each item using Excel.

Shift Manager – University of Surrey Pilot Plant (Module work)

May 2019 – May 2019

- Acted safely and professionally by applying appropriate PPE while on a plant environment.
- As manager, worked effectively as a team by instructing two shift hands via radio to ensure continued production of saline solution. Made logical decisions under alarm pressure by simultaneously monitoring controllers and interpreting a plant manual/mass balance.

AS Mathematics/Chemistry Tutor – Freelance

July 2018 – October 2018

- Tailored lessons to the student by identifying difficult topics to focus on from the specification, based on my own previous experience and student feedback.
- Distilled complex topics into simple lessons and supported student by positive reinforcement.
- Consolidated knowledge by solving example questions in each session and setting homework.

Personal Reference: Dr Bahman Amini Horri, University of Surrey (b.aminihoori@surrey.ac.uk).