

# Muhammad Zaid

+92 301 9334759 | Multan | [zaiddadev@gmail.com](mailto:zaiddadev@gmail.com) | [github.com/chuzawick420](https://github.com/chuzawick420) | [linkedin.com/in/chuzawick420](https://linkedin.com/in/chuzawick420)

## EDUCATION

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### Virtual University of Pakistan

*Bachelor's of Science, Computer Science*

- Cumulative GPA: 3.8/4.0

Oct 2022 — present

*Lahore, Pakistan*

## WORK EXPERIENCE

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### Front End Intern

Inbound Agency LTD

- Learnt the basis of HTML, CSS, JavaScript, React
- Learnt handling Data Base queries(**Strapi**) from client

Jan 2024 — Feb 2024

*Multan*

## PROJECTS

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### Notes Publisher

- Utilizing Markdown, HTML, CSS, Python, YAML, LaTeX, bash
- Markdown notes written in Obsidian
- Realtime backup on Google Drive in case of data corruption due to sudden power lose
- Pushed to GitHub and Gitlab for additional backup in case of hardware failure
- GitHub Actions generate the website using mdocs
- Website is hosted using Github Pages
- Acts as a knowledge reservoir for myself and other people

[https://chuzawick420.github.io/notes\\_publisher/](https://chuzawick420.github.io/notes_publisher/)

### Portfolio

- Simple and minimalistic
- Used only HTML, CSS and JavaScript

<https://chuzawick420.github.io/Portfolio/>

### Ray Tracing

- C++ Project
- Multi-threaded
- src/headers/config.json provides some controls such as
  - Spheres
    - Size
    - Color
    - Material
    - Position
  - Camera
    - Position
    - Orientation
    - Focal Length
  - Image
    - Dimensions
    - Samples per pixel
  - Number of threads

<https://github.com/ChuzaWick420/rayTracing>

## SKILLS

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- **Languages:** C/C++, Python, YAML
- **Soft Skills:** Abstract and critical thinking, analytical problem-solving, metacognition, documentation