Akif Ismail

ai6@williams.edu ❖ (413) 692-9775 ❖ Williamstown, MA

EDUCATION

Williams College   **August 2022 - May 2026**

Bachelor of Liberal Arts in Computer Science and Mathematics   *Williamstown, MA*

- Dean's List |President: MSU, Williams Economic Society, Cricket Association|Board member: Williams Outing Club, Editor: Williams Undergraduate Research Journal | WOOLF Leader |

SKILLS & INTERESTS

- **Skills:** Debater, Trilingual, Software proficiency (Mysql, HTML, CSS, Python, Java, JavaScript (node, react and express), C and C++, Coordination, Organizational know-how, Adaptability, and Attention to detail.
- **Interests:** Cricket, Geopolitics, Trivia, Sprinting, Esports, and Rabbits.

WORK EXPERIENCE

University of Lahore   **May 20 - August 20**

Research assistant to Assistant Professor Qudsiya Kanwal   *Lahore, Pakistan*

- Worked on the research *Laser Irradiation effects of structural, morphological, and mechanical characteristics of iron*

University of Lahore   **January 21 - May 21**

Research assistant to Assistant Professor Qudsiya Kanwal   *Lahore, Pakistan*

- Worked on the research *Analytical Method Development and validation of Ribavirin in topical dosage form using RP-HPLC*

Pakistan Council of Scientific and Industrial Research (PCSIR)   **June 21 - July 21**

Guided Intern, Calibration and Electronics Department   *Lahore, Pakistan*

- Learned and operated gauge block set, thickness gauge set, mass calibration, balance calibration (including GP30k), table Balance, analytical weighing scale, digital and analog oscilloscopes, digital multimeter, high accuracy ammeter, LC meter, and Q meter.

Institute Of Nuclear Medicine & Oncology (INMOL)   **July 21 - August 21**

Intern (radio-pharmacy, and radiology department)   *Lahore, Pakistan*

- Assisted in maintenance of Fluorodeoxyglucose (FDG), 1-[Carbon-11]-D-glucose ([11C]-glucose), Actinium225, Lutetium 177, Cesium 137, Gallium-68 and Yttrium-90 production.
- Administration of FDG in cancer patients and the usage of PET-scan.

Orient Electronics Pakistan   **January 24**

Full stack software development intern   *Lahore, Pakistan*

- Introduced and worked with version control, code reviews, and continuous integration/continuous deployment.
- Learned full stack development using *HTML, CSS, javascript and react.js* for frontend and *.NET* for backend and mySQL for database.
- Worked in a team environment and helped update Orient's proprietary software
- Help develop a GraphQL API for the *Mevris* mobile app using the Apollo.js library