

# Hamza Asdairi

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## EDUCATION

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| <b>Thomas Jefferson University</b><br><i>Biochemistry (B.S.), Minor in Mathematics</i>                                                                                                                                                                                        | Aug. 2024 – May 2028<br>Philadelphia, PA |
| <ul style="list-style-type: none"><li>GPA: 3.72/4.0</li><li>Relevant Coursework: Advanced Organic Chemistry, Mathematical Methods in Chem/Phys/Eng, Organic Chemistry I &amp; II + Lab, Human Anatomy &amp; Physiology I + Lab, Differential Equations, Calculus II</li></ul> |                                          |

## EXPERIENCE

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| <b>Thomas Jefferson University</b><br><i>Organic Chemistry I Lab Teaching Assistant</i>                                                                                                                 | Aug. 2026 – Present<br>Philadelphia, PA |
| <ul style="list-style-type: none"><li>Guide undergraduates through weekly organic chemistry lab techniques, reinforcing proper procedure, lab safety, and troubleshooting during experiments.</li></ul> |                                         |

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| <b>Sidney Kimmel Medical College</b><br><i>Oral &amp; Maxillofacial Surgery Researcher</i>                                                                                                                                                     | June 2026 – Present<br>Philadelphia, PA |
| <ul style="list-style-type: none"><li>Extracting clinical data from Epic charts for an OMFS retrospective study on osteoradionecrosis in free-flap reconstruction patients under Dr. Yampolsky, with IRB, CITI, and HIPAA approvals.</li></ul> |                                         |

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| <b>CVS Pharmacy</b><br><i>Certified Pharmacy Technician (CPhT)</i>                                                                                                                                                                                                                                                                                           | Aug. 2025 – Present<br>Media, PA |
| <ul style="list-style-type: none"><li>Verify insurance, process claims, and manage patient check-in and multi-line phones in a fast-paced healthcare setting under strict HIPAA compliance.</li><li>Communicate with patients, prescribers, and insurance providers to resolve copay discrepancies, prior authorizations, and medication concerns.</li></ul> |                                  |

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| <b>Bloomfield Dental</b><br><i>Dental Shadow</i>                                                                                                                                                                               | Apr. 2026 – Jul. 2026<br>Drexel Hill, PA |
| <ul style="list-style-type: none"><li>Observed chairside procedures including dental implants, root canals, general cleanings, crown prep, and simple extractions under David Yarmark, DMD and William Kessler, DMD.</li></ul> |                                          |

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| <b>Thomas Jefferson University</b><br><i>Laboratory Research Assistant</i>                                                                                                                                                            | Aug. 2025 – Mar. 2026<br>Philadelphia, PA |
| <ul style="list-style-type: none"><li>Synthesized gold nanoparticles via the Turkevich method under Dr. Kyle Wagner and used UV-Vis spectroscopy to calibrate AuNP-hydrogen peroxide reactions for colorimetric biosensing.</li></ul> |                                           |

## VOLUNTEERING

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| <b>H4H – Philadelphia Chapter</b><br><i>Volunteer</i>                                                                                                                                                                                                                                                              | Apr. 2026 – Present<br>Philadelphia, PA  |
| <ul style="list-style-type: none"><li>Provide blood pressure checks, blood glucose screenings, and EKGs at community health events across the Philadelphia area.</li></ul>                                                                                                                                         |                                          |
| <b>Children's Hospital of Philadelphia</b><br><i>Student Volunteer</i>                                                                                                                                                                                                                                             | May 2025 – June 2025<br>Philadelphia, PA |
| <ul style="list-style-type: none"><li>Welcomed patients and families at CHOP entrances and provided directions to ensure a positive first impression.</li><li>Delivered beverages and toy kits across pediatric floors while offering a compassionate presence to ease stress for children and families.</li></ul> |                                          |

## EXTRACURRICULARS

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| <b>Jefferson Muslim Student Association (MSA)</b><br><i>President</i>                                                                                                                     | Aug. 2025 – Present<br>Philadelphia, PA |
| <ul style="list-style-type: none"><li>Coordinate with MSA chapters nationwide to organize events, raise funds for charities, and build awareness of global humanitarian issues.</li></ul> |                                         |
| <b>Jefferson Pre-Dental Society (TJU PDS)</b><br><i>Outreach Coordinator</i>                                                                                                              | Aug. 2026 – Present<br>Philadelphia, PA |