

# Shahmeer Saud

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## EDUCATION

**Rutgers New Jersey**  
**School of Arts & Science & Business School**  
*Bachelor of Science in Computer Science and Finance*

**New Brunswick, NJ**  
*Anticipated Graduation May 2027*  
**3.5 GPA**

## WORK EXPERIENCE

### AI/ML Researcher

*Researcher*

**Remote / New Brunswick, NJ**

*June 2025-Present*

- Designed and delivered end-to-end AI/ML projects using datasets, with theoretical explanations, and performance evaluations.
- Developed projects covering data preprocessing, model selection, training, hyperparameter tuning, and metrics like accuracy, AUC, and confusion matrices.
- Exercised autonomy in managing project timelines while incorporating feedback from weekly mentor reviews, balancing research rigor with rapid development.

### Independent Game Plugin Developer

*Developer*

**Remote**

*September 2019-Present*

- Developed and managed plugins for games and content creators, enhancing gameplay and user interfaces.
- Surpassed 5,000 downloads and installations, receiving endorsements from the top leading content creators.
- Proficient in using C++, C and Unity/Blender/VSS Code , with a strong understanding of game design principles.
- Collaborated with a global team, coordinating development efforts and implementing user feedback to improve mod quality.

## PROJECTS

### Network Router Simulation | Java, HashMaps, Routing Tables, Subnetting and IP Address Allocation

- Implemented dynamic routing tables to simulate real-world network behavior, accurate packet forwarding and resource utilization.
- Built a Java-based router simulation using HashMaps for efficient data routing.

### Dictionary Attack | Python, MD5 Hashing, HashMaps, Cybersecurity Hygiene

- Created a Python tool with MD5 hashing to test password strength.
- Used HashMaps for fast comparison against common password databases.
- Promoted cybersecurity awareness by highlighting dictionary attack risks.

### Knight's Crust | JavaFX

- Developed a full-stack web application using Flask, serving a REST API with React as the frontend
- Employed Java Unit Tests and Interface-based design patterns, reinforcing code quality and application reliability.
- Executed comprehensive Black Box Testing to rigorously validate the application's functional requirements and enhance user satisfaction.

## LEADERSHIP EXPERIENCE

### ICEB Academy - Youth Teacher

*September 2021 - Present*

**East Brunswick, NJ**

- Organized a successful fundraiser, raising over \$100,000 for educational trips, contributing to the academy's expansion.

### Pakistani Student Association - Fundraising Chair

*September 2023 - Present*

**New Brunswick, NJ**

- Led multiple successful fundraising events as Fundraising Chair, raising over \$5,000 to support the Pakistani Student Association's initiatives.

### Future Leaders Of Islam - Fundraising Chair

*September 2023 - Present*

**East Brunswick, NJ**

- Managed FLOI's social media presence and budget while organizing impactful community events that consistently attracted over 50 participants.

## SKILLS & INTERESTS

**Programming Languages:** Python, Java, JavaScript, HTML/CSS, C/C++/C#, Powershell

**Tools and Software:** Unity, Blender, AWS, JIRA, MongoDB Slack, Adobe Resources, Microsoft Resources, Git