Aadil Alli

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EDUCATION

Hofstra University

B.S. Computer Science (Deans List)

- Relevant courses: Software Engineering, Web Application Development, Programming Languages, Computer Operating Systems, Computer Architecture, Discrete Structures, Intro to CS, Fundamentals of CS, Intro to Discrete Math

TECHNICAL SKILLS:

- Functional knowledge of Javascript, Typescript, Python, Java, C, C++, SQL, Rocky Linux
- Technical and analytical problem solving, and learning agility
- Functional knowledge of Photoshop, Premiere Pro
- Extensive knowledge of hardware, computer building, and technology

EXPERIENCE

Hofstra University, *Hempstead, NY*   *October 2022 - Present*

Computer Science Technician

- Refactored and enhanced the department's email server following a security breach, upgraded its capabilities and configured advanced software security measures.
- Implemented multi factor authentication for SSH access to Linux machines preventing thousands of SSH attacks.
- Creating and testing IBM Storage Scale and HPE PFSS file system environments for NVIDIA GPU cluster file storage.
- Added secure email authentication to the GPU cluster account provisioning software.
- Collaborate with peers and coworkers on projects while tracking issues and documenting in Jira and Confluence.

Hofstra University, *Hempstead, NY*   *June 2024 - Present*

Maker Space Software Developer

- Developed a comprehensive student and employee management system using Next.js, NextAuth, and PostgreSQL, significantly reducing time needed for managing and accessing student trainings and certifications.
- Creating an API to track student usage data of machines and equipment in the makerspace, providing valuable insights for departmental higher-ups.
- Automated previously manual tracking processes, enhancing efficiency for the director and employees.
- Lead and manage a development team to assist in issues and project growth.

Champs Sports, *Garden City, NY*   *October 2020 - Present*

Part-Time Sales Associate

- Provide excellent sales service and share expertise of products and trends to exceed the customer's needs.
- Fulfill sales by locating products and preparing for shipment or physical transactions on mobile point of sale.
- Exceed company expectation of at least $20,000 a week in sales.

EXTRACURRICULAR ACTIVITIES

New York University Computer Science 4 CyberSecurity Stem Program   *July 2021*

- Hands-on advanced computer science lessons with introductions to Python, Linux, HTML web development, hashing, password cracking, encrypting and decrypting, binary, hex, decimal, and ASCII systems, cryptography, steganography, Social engineering, Internet and Networking, Databases and SQL, and Computer hardware

Intro To 3D Modeling Program   *February 2019 - April 2019*

- Design using Blender software