


Taranveer Singh Pabla

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Experience

Hofstra University

March 2019 - Present

Assistant Instructor

- Teach students in grade 9-12 the fundamental concepts of cybersecurity, architectures, and processes related to computer and network security using Kali Linux and Wireshark.
- Teach students in grades 5-12 the basics of coding and software development using Python 3.

Micro Center

October 2018 - January 2019

Retail Sales Associate

- Present credible product solutions based on customers' needs; build repeat business through consultative solution selling and customer satisfaction.
 - Maintain product knowledge and perform merchandising activities such as processing freight, creating displays and end caps and maintaining visual merchandising standards within my Area of Responsibility (AOR).
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Projects

The Smart Bathtub - June 2017 – June 2018

- Developed a smart bathtub system with a partner using Python 2 and a Raspberry Pi 3 to provide users with a convenient way to bathe with their desired bathing temperature easily and efficiently.
- Semifinalist in Junior Science and Humanities Symposium.
- Achieved Honors Award in the Senior Division at Long Island Science Congress.

The Effectiveness of Metallic Salt Based Antiperspirants at Reducing Underarm Moisture - June 2016 – June 2017

- Developed a program using Python 2, to measure the effectiveness of different antiperspirants using a humidity and temperature sensor on a Raspberry Pi 3.
 - Achieved a High Honor Roll award at Long Island Science Congress.
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Technical Skills

- **Programming Skills** Java, Python, C++, HTML and Visual Basic
 - **Frameworks and Tools** VSCode, Git, IntelliJ IDEA, Visual Studio and Vim
 - **Operating Systems** Linux (Ubuntu, Kali Linux), Windows, and Mac OS
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Awards/Accomplishments

- Semifinalist in Junior Science and Humanities Symposium 2018
 - Honors Award in the Senior Division at Long Island Science Congress 2018
 - High Honor Roll for Long Island Science Congress 2017
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Education

Bachelor of Science in Computer Science

Hofstra University, Hempstead NY

GPA

Expected Graduation: May 2022

3.70 Department GPA / 3.41 Overall

Coursework: Software Engineering, Operating Systems, Computer Architecture, Assembly Programming

Advanced High school Regents Diploma

Valley Stream South High School, Valley Stream NY

Graduation: June 2018

Cumulative GPA: 92.43