

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.

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.

Technical Skills

- **Programming Skills** Python, Java, C++, HTML and Visual Basic
- **Frameworks and Tools** VSCode, Git, IntelliJ IDEA, Visual Studio and Vim
- **Operating Systems** Linux, Windows, and Mac OS

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

Education

Bachelor of Science in Computer Science

Hofstra University, Hempstead NY
GPA

Expected Graduation: May 2022
3.76 Department GPA / 3.55 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