Taranveer Singh Pabla

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Experience

Hofstra University <div align="right">March 2019 - Present</div>
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 <div align="right">October 2018 - January 2019</div>
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).

Projects

The Smart Bathtub - June 2017 – June 2018
- Developed a smart bathtub system with a partner using Python and a Raspberry Pi to provide users with a convenient way to bathe with their desired bathing temperature easily and efficiently.
- Achieved Honors Award in the Senior Division at Long Island Science Congress.
- Semifinalist in Junior Science and Humanities Symposium.

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**   Java, Python, C++, HTML and Visual Basic
- **Frameworks and Tools** VSCode, Git, IntelliJ IDEA, Visual Studio and Vim
- **Operating Systems**   Linux (Ubuntu) and Windows

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 <div align="right">Expected Graduation: May 2022</div>
Hofstra University, Hempstead NY — 3.70 Department GPA / 3.41 Overall GPA

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

Advanced High school Regents Diploma <div align="right">Graduation: June 2018</div>
Valley Stream South High School, Valley Stream NY — Cumulative GPA: 92.43