



# Ryan Prashad

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## Education

**Rensselaer Polytechnic Institute**, Class of 2022

Bachelors of Science – Computer Science

**Valley Stream South High School**, Class of 2018

AP Scholar with Honors

## Projects

**Room Mapping Robot** (09/2017 – 06/2018)

- Used Lego Mindstorm to create a robot that maps a room using Ultrasonic Sensors to judge distance from an object (Python).
- Entered 3 competitions with this partner project: Long Island Science Congress, Long Island Science and Engineering Fair, and the New York City Science and Engineering Fair.

**Antiperspirant Effectiveness Project with Raspberry Pi** (09/2016 – 09/2017)

- Tested the effectiveness of different antiperspirants by measuring underarm humidity (Python).
- Entered 3 competitions with this team project (2 other members): Long Island Science Congress, Long Island Science and Engineering Fair, and the New York City Science and Engineering Fair.

## Achievements

**National Society of Leadership and Success Member** (09/2019)

- Leadership building society chapter stationed at Rensselaer Polytechnic Institute

**Creating Steam code-a-thon Mentor** (01/2017)

- Mentored students at an overnight coding competition – (HTML/CSS/JavaScript)

**Creating Steam code-a-thon First Place Winner** (09/2016)

- Overnight Coding Competition - (HTML/CSS/JavaScript)

## Experience

**Smartecarte** – Cart Assistant (06/2019 – 08/2019)

- Perform maintenance of carts and cart units to provide an exceptional customer experience
- Maintain communication and cooperation with facility management and employees
- Manage flight times and plan ahead accordingly, relaying the information effectively to co-workers

**NYU Winthrop University Hospital** – Information Desk Assistant (01/2018 – 07/2018)

- Coordinated with staff regularly to maintain a welcoming atmosphere
- Assisted patients and visitors with hospital directions/layout
- Provided a positive experience for visitors to alleviate stress/anxiety

## Skills

Python, C++, C, Bash shell, LaTeX, Salesforce, HTML, CSS, JavaScript