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Neil Johari

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Education

Ann Arbor, MI	**University of Michigan**	**September 2018 | April 2022**

- Bachelor of Science in Engineering in Computer Science. — GPA: 4.0

Syosset, NY	**Syosset High School**	**September 2014 | June 2018**

- Diploma. Graduated with highest honors and Mastery in Science. — GPA: 100.0

Experience

Website Developer	**Syosset High School**	**September 2014 | Present**

- Designed and programmed the new Syosset Senior High School's website utilizing Ruby on Rails, MongoDB, and Redis (2017-present).
- Directed a content management team as president of Web Development Club (2015-2018).

Researcher	**Syosset High School**	**September 2014 | June 2018**

- Created a machine learning model to analyze MRI scans of Alzheimer's disease patients (2016-present).
- Created a model of video game hours played due to social influence with an analysis through machine learning (2015-2016).
- Conducted literary research on sleep deprivation (2014-2015).

Skills

- Languages: English, Spanish, Hindi (Spoken).
- Computer Programming Skillset: Ruby, Java, C++, Redis, ArduinoC, Python, MATLAB.

Projects

- **Scram** Programmed a transparent Ruby permissions system gem with MongoDB integration.
- **Mongoid Forums** Developed a Ruby on Rails gem for forums with MongoDB integration.
- **Autobroadcaster+** Published a server-wide scheduled broadcasting plugin for Minecraft.

Awards

- **Bernie Goudreau Memorial Award** (Syosset High School) In recognition of achievement in mathematics and computer science. June 2018.
- **Nassau County Legislature Citation** (Nassau County Legislator Josh Lafazan) In recognition of leadership and community engagement. June 2018.
- **Seal of Biliteracy** (New York State) In recognition of proficiency in English & Spanish. June 2018.
- **Physics Olympics Certificate of Excellence** (American Association of Physics Teachers) In recognition of distinction in the Physics Olympics hosted at Farmingdale State College. March 2018.
- **1st Place at Andromeda** (New York State Science and Engineering Fair (NYSSEF)) and **2nd Place at Invitational Science Fair** (WAC Lighting Foundation) For the creation a machine learning model to analyze MRI scans of Alzheimer's disease patients using convolutional neural networks. March 2017.
- **Gold Medal at Math Fair** (Alfred Kalfus Long Island Math Fair) Awarded for a model of video game hours played due to social influence with an analysis through machine learning. May 2015.