

Ann Arbor, MI  
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# Neil Johari

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## Education

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<b>Ann Arbor, MI</b>	<b>University of Michigan</b>	<b>September 2018   April 2022</b>
• Bachelor of Science in Engineering in Computer Science.		GPA: 4.0
<b>Syosset, NY</b>	<b>Syosset High School</b>	<b>September 2014   June 2018</b>
• Diploma. Graduated with highest honors and Mastery in Science.		GPA: 8.636/8.0

## Experience

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<b>Website Developer</b>	<b>Syosset High School</b>	<b>September 2014   Present</b>
• Selected to lead <a href="#">design and implementation</a> of the new <a href="#">Syosset Senior High School's website</a> utilizing Ruby on Rails, MongoDB, and Redis (2017-present).		
• Directed a content management team as president of Web Development Club (2015-2018).		

<b>Researcher</b>	<b>Syosset High School</b>	<b>September 2014   June 2018</b>
• <a href="#">Successfully developed a machine learning model</a> to analyze MRI scans of Alzheimer's disease patients resulting in 1st place award at NYSSEF Andromeda competition and 2nd place at WAC Lighting Foundation Invitational Science Fair (2016-2018).		
• Created a model of video game hours played due to social influence with an analysis through machine learning resulting in a Gold Medal at Al Khalfus Long Island Math Fair (2015-2016).		
• Conducted literary research on sleep deprivation resulting in the Syosset High School literary research award (2014-2015).		

## Skills

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

## Projects

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- [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

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