

# Saurav Hossain

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## EDUCATION

**Bachelor of Arts, Computer Science**

**May 2022**

Hunter College, CUNY

**Career and Technical Education Diploma**

**July 2018**

Brooklyn Technical High School

## TECHNICAL SKILLS

Java • Python • C++ • Unix • HTML • CSS • Verilog • Autodesk Inventor (Certified May 2015)

• Autodesk Inventor Pro & HSM (Certified May 2018)

## COURSE WORK

- PLTW Design and Drafting For Production
- PLTW Digital Electronics
- Digital Systems Design
- PLTW Computer Integrated Manufacturing
- Introduction to Computer Science
- Software Analysis and Design with Supervised Programming Lab
- Discrete Structures

## PROFESSIONAL EXPERIENCE

**Tutor**

**June 2016 – February 2019**

Scholastica Tutoring Center

Jackson Heights, NY

- Instructed and assisted individual students in the fields of mathematics, science, and liberal arts, in a one-to-one setting.
- Constructed examination materials, lesson plans and taught the Specialized High School Admissions Test (SHSAT) in a class setting.

**Independent Content Creator**

**September 2018 – Present**

New York City, NY

- Constructed a Simon-Says Game clone using Java, CSS styling and GUIs (March 2018).
- Constructed a two-dimensional shooting game using Java, CSS styling, GUIs and sprite maps (July 2018).
- Constructed a novice Artificial Intelligence Bot capable of interacting with humans (April 2019).

**Professional ESL Tutor**

**March 2019 – Present**

New York City, NY

- Assisted adults with deficiencies of the English language using technological applications, videos, and native speaking skills.
- Created and taught methods overcoming accents and the overall language barrier.

## ACTIVITIES

- **Sports Column Writer/Editor for *The Survey***  
Brooklyn Technical High School, Brooklyn, NY

**September 2014 – June 2018**

- **Published Writer**

**June 2018**

Brooklyn Technical High School, Brooklyn, NY