

# Prangon Ghose

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## Education

### Stony Brook University

Stony Brook, NY

BACHELOR OF ENGINEERING (B.E.), COMPUTER ENGINEERING

August, 2017 - PRESENT

- **Expected Graduation:** May, 2021
- **Relevant Coursework:** Introduction to Electrical and Computer Engineering, Calculus IV with Applications
- **Extracurricular Activities:** Stony Brook Computing Society

### Stuyvesant High School

New York, NY

ADVANCED REGENTS DIPLOMA WITH HONORS

September, 2013 - June, 2017

- **GPA:** 93.8
- **Relevant Coursework:** Introduction to Computer Science, Advanced Web Design, AP Chemistry, AP Physics 1 and 2, AP Calculus AB, AP European History, AP United States History, AP United States Government and Politics, AP English Language and Composition
- **Extracurricular Activities:** Stuyvesant Red Cross, Stuyvesant Model United Nations, Stuyvesant Science Bowl

## Experience

### Stuyvesant Alumni Mentoring Program

New York, NY

SENIOR STUDENT LEADER

November, 2016 - PRESENT

- Led a group of 20 Stuyvesant High School alumni and student leaders to provide current students with the social and personal skills to succeed outside of the school environment
- Organized five sessions of the Program to instruct over 100 students on career-development, resume-building and interview-prep to prepare them for the real world by facilitating group discussions, scheduling events and preparing assignments

### StuyHacks

New York, NY

DIRECTOR OF LOGISTICS

June, 2016 - June, 2017

- Coordinated three technology events with a team of 15 members to provide learning opportunities to high school students by organizing eight workshops, creating a schedule and developing a budget
- Recruited over 30 judges and mentors from various areas of the technology industry to help high school students develop computer programs and mobile applications to grow their knowledge of programming techniques

## Projects

### PySudoku

A SUDOKU WEB APPLICATION DEVELOPED USING FLASK, JAVASCRIPT, HTML AND CSS

- Conceptualized and collaborated on a Sudoku web application that utilizes Flask and the Jinja2 template engine to render randomized sudoku puzzles inside a HTML file

### Attack of the Humans

A SPACE INVADERS-INSPIRED GAME DEVELOPED USING JAVASCRIPT, HTML AND CSS

- Developed a Space-Invaders inspired space shooter game that utilizes the HTML canvas element to dynamically create 2D images

## Skills

**Web Design** HTML5, CSS and JavaScript

**Microsoft Office** Word, PowerPoint and Excel

**Google Drive** Docs, Sheets, Slides and Forms

**Languages** Bengali (Conversational), Spanish (Limited Working Proficiency)

## Honors & Awards

2017 **Outstanding in Web Design**, Stuyvesant High School

2017 **Outstanding Business Plan**, Stuyvesant High School

2017 **AP Scholar with Distinction**, College Board Advanced Placement Program

2016 **Finalist**, QuestBridge National College Match