Prangon Ghose

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Education

Stony Brook University *Stony Brook, NY*
BACHELOR OF ENGINEERING (B.E.), COMPUTER ENGINEERING *August, 2017 - PRESENT*
- **Anticipated Graduation:** May, 2021
- **Relevant Coursework:** Introduction to Electrical and Computer Engineering, Digital Media: History and Theory, Calculus IV with Applications
- **Extracurricular Activities:** Stony Brook Robot Design Team, Stony Brook Computing Society, Stimson College Hall Council

Stuyvesant High School *New York, NY*
ADVANCED REGENTS DIPLOMA WITH HONORS *September, 2013 - June, 2017*
- **Relevant Coursework:** Introduction to Computer Science, Advanced Web Design

Experience

Oath *New York, NY*
INFUSE INTERN *July, 2017 - August, 2017*
- Worked alongside product managers to conduct tests on new iterations of a business to business video distribution platform and to identify key user interface problems to allow clients and creators efficient access to desired content
- Conceptualized and presented new ideas as part of a team of five members to revamp the candidate experience for the Human Resources team to attract a larger pool of motivated candidates

Stuyvesant High School Alumni Association *New York, NY*
SENIOR STUDENT LEADER *November, 2016 - August, 2017*
- 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 shooter game that utilizes the HTML canvas element and JavaScript to dynamically manipulate 2D images

Skills

Web Development HTML5, CSS, JavaScript
Back-end Development C++, Python
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