

SHANTANU BHATIA

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EDUCATION

**New York University
Abu Dhabi**
Abu Dhabi, UAE
May 2019

Bachelor of Science in Computer Science
GPA: 3.72

Modern School
New Delhi, India
March 2015

All-India Senior School Certificate

TECHNICAL SKILLS

**Programming
Languages**

C, C++, C#, Java, JavaScript, PHP, Python

Web Development

HTML, CSS, Node.js, Express.js, Bootstrap

Other Tools

Adobe Photoshop, Adobe Premiere Pro, Arduino, Autodesk 3DS Max, Balsamiq Mockups, Unity

PROJECTS

**IBM Watson-Based Travel
Guide**
Web Development

- Created web app for travel destination recommendation based on personality type
- Used Twitter scraping and IBM Watson Personality Insights to construct user personality profiles
- Matched user profiles to travel destinations based on existing database of destination/personality matches

**Motion-Controlled Spaceship
Game**
Arduino, C#, Unity

- Created Arduino-based wearable motion controller glove
- Created 3D space game in Unity
- Established serial communication between Arduino board and Unity game

**Table-top Tetris/Breakout
Hybrid**
Java, Processing

- Created two player Tetris/Breakout Hybrid Game
- Programmed and designed gameplay and visuals for projection onto table-top surface
- Finished product exhibited at NYU Abu Dhabi Arts Center Open Studios Exhibition

WORK EXPERIENCE

**NYU Abu Dhabi
Writing Centre**
Web Design and
Development
February 2016 – May 2016

- Designed and developed multilingual poetry sharing website, translationnetwork.org
- Responsible for UI/UX design

LEADERSHIP

**HackAD Student
Interest Group**
Vice President
September 2016 – December 2016

- Worked with leadership team to organize tech workshops and events
- Organized NYU Abu Dhabi's first student-led Hackathon
- Conducted Unity game prototyping and web design workshops