Sohum Gupta

LinkedIn: www.linkedin.com/in/sohum-gupta-977282138/
Github: github.com/sohumgupta

sohum_gupta@brown.edu
(630) 397-1796

SUMMARY

First-year student at Brown University, pursuing a Sc.B. in Applied Math and Computer Science. Experience in Object-Oriented languages, including C#, Java, as well as front-end web design, using HTML5, CSS3, and Javascript.

EDUCATION

Brown University | Providence, RI
Bachelor of Science, Applied Math and Computer Science
Graduation Date: Expected May, 2022   GPA: 4.0/4.0

Illinois Mathematics and Science Academy | Aurora, IL
Graduation Date: June 2018   GPA: 3.92/4.0

TECHNICAL SKILLS

Strongest Languages: C#, Java, Javascript, Python
Familiar Languages: Python, PHP, Scheme, OCaml
Web Design and Database Systems: HTML5, CSS3, MySQL
General: Functional Programming, Data Structures, Object Oriented Programming

EXPERIENCE

Web/Graphic Design Intern | Asenda   **Jun 17 - Aug 17**
– Coded a website for the company in HTML5, CSS, and JavaScript, to make their services more marketable and to take new branding into account.
– Helped with rebranding of the company, from logos to color schemes.

Marketing/Communications Intern | IN2 (IMSA)   **Oct 16 - May 17**
– Worked on front-end for the website using HTML5, CSS, and JavaScript.
– Created logos and icons for various events and organizations within IN2.

PROJECTS

Boosted Decision Tree: Separated (made-up) stars by their habitability based on given data about the stars, made in **C#** for a Computational Science course.

Hydrogen Bomb Simulation: Simulated a hydrogen bomb by modeling movement of various particles and reactions, made in **C#** for a Computational Science course.

Student/Teacher Registration Website: Coded a website allowing students and teachers to register and to view information about their classes and students, made with **HTML5**, **CSS3**, **Javascript**, **MySQL**, and **PHP** for a Web Technologies course.

"MIXR": Playlist-Based Social Media Platform: Coded a website that allowed users to log in with Spotify and upload their own playlists, as well as to browse, listen to, and request to add songs to nearby users' playlists, made with **HTML5**, **CSS3**, **Javascript**, and **MySQL** for Hack@Brown 2019.

Connect 4 Game/AI: Coded a program allowing two players (whether human or computer) to play Connect 4, and coded an AI player for the game, made in **OCaml** for a Functional Programming course.

RELEVANT COURSES

Functional Programming | Algorithms and Data-Structures in Object-Oriented Programming | Object-Oriented Programming | Computational Science | Web Technologies | Linear Algebra | Multivariable Calculus

INTERESTS

Professional: Web Design, UI/UX Design, Math Modeling, Procedural Generation
Personal: Graphic Design, Music, Male Fashion, Cooking