

ADITYA VIKRAM SINGH

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EDUCATION

University of Massachusetts Amherst Grad. May 2023
Bachelor of Science, Computer Science
GPA: 4.00 • Chancellor's Award Scholarship • Dean's List Fall 2019

WORK EXPERIENCE

Computer Science Peer Tutor (University of Massachusetts Amherst) Jan 2020 – May 2020
- Held 1-on-1 tutoring sessions for introductory computer science courses:
- Problem Solving with Computers and Programming with Data Structures

Student Council President (Delhi Public School R. K. Puram) Apr 2018 – Mar 2019
- Oversaw student discipline and represented students' interests
- Liaised between students, faculty, and administration

PROJECTS

Personal Résumé Website May 2018 - Present
- Designed an interactive résumé website using Bootstrap and vanilla JS
- Working on migration to a React.js framework using GatsbyJS

NASA's Astronomy Picture of the Day (APoD) Gallery May 2020 - Present
- Developed a React JS front-end page to display NASA's featured pictures daily.
- Used NASA's APoD API, and plan to extend to other NASA APIs.

Parinaam: Automated Exam Results Extraction May 2019 - Jun 2019
- Developed a Python application for automated web scraping of exam results
- Packaged into a PyPi distribution, and modularized for future applications

Valuto: Account Management System Aug 2018 - Nov 2018
- Programmed a command-line interface accounting system in C++
- Co-authored a project report of the interface in a 3-member team

RELEVANT COURSEWORK

Discrete Computation • Programming Methodology • Data Analysis in R • Data Structures •
Multivariate Calculus • Linear Algebra • Introductory Statistics

SKILLS

Languages: Python • JavaScript • C++ • Java • HTML • CSS • R (Statistics) • SQL
Technologies: Node.js • ReactJS • Git • Selenium • Bootstrap
Software: Blender • Illustrator • Photoshop • Lightroom • Microsoft Office
Tools: Visual Studio Code • Eclipse IDE • RStudio • MySQL