Araaish Paul

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Education

University of Illinois at Urbana-Champaign   May 2023
Bachelor of Science in Engineering Physics w/concentration in Computational Physics   GPA: 3.77/4.00
Minor in Computer Science

Phillips Exeter Academy   June 2019
High School Diploma with High Honors   GPA: 3.67/4.00

Skills

- **Software:** Java, Python, JavaScript, C++, Racket
- **Programs:** Android Studio, Autodesk Fusion, Excel, Audacity, Adobe Premiere
- **Electronics:** circuit design, Arduino programming

Independent Projects

- **Data Visualization:** Analyzed my personal app user data for Uber, Facebook Messenger and Spotify. Programmed using pandas and seaborn libraries to illustrate new insights about app usage and habits (Python).
- **MNIST Image Classification:** Trained convolutional neural network using MNIST dataset to recognize numerical digits (Python).
- **Illinois Rowing App:** Created an Android application for my rowing team to track workouts and ergometer data (Java).

Relevant Coursework

- CS225: Data Structures
- Algorithms and Object Oriented Programming
- Cryptography
- Discrete Structures

Leadership Experience

Daniel Webster Debate Society – Exeter, NH   September 2017 – June 2019
Co-Captain of Communications
- Designed and taught curriculum in logic, argumentation, and rhetoric.
- Organized invitational tournaments in Parliamentary and Policy formats.