Neha Satish

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I'm a polyglot UMich computer science engineering student proficient in object-based programming and backend web development. My previous work experience was in the medical devices field, where I provided web dev support and marketing consulting. I am interested in gaining work experience in data analysis, UX design, machine learning, and any other areas that meld computing with other fields.

Languages: C++, Python, basic HTML and CSS, Java, currently working on C#
Tools: Word, Excel, MS Project, Adobe Creative Cloud, SolidWorks, Linux Ubuntu, Git, Apache Hadoop

Experience:

Computing:

Girls Who Code

Johns Creek, GA

Student/Club President   *May 2017-May 2019*
- Taught Python, HTML, CSS, Java
- Got students into full time post grad jobs at companies like Synchrony Financial (and other partners)

Coursera: Neural Networks and Deep Learning   **Johns Creek, GA**

Student of deeplearning.ai   *Sep 2018 - Oct 2018*
- Backpropagation
- (Vectorized) Artificial Neural Networks
- Network Architecture

Coursera: Introduction to Big Data   **Johns Creek, GA**

Student of UC San Diego   *July 2018 - August 2108*
- data collection, monitoring, storage, analysis and reporting
- core Hadoop stack components
  - YARN resource
  - HDFS system
  - MapReduce model

Social Outreach/ Legal Writing:

Odyssey Online Writing Internship   **Johns Creek, GA**

Social Media Manager/Intern   *October 2016- February 2017*
- Promoted others' articles as an editor to gain net traffic and advertize Odyssey as a brand
- Essential written communication skills

Shafritz&Dean LLC. Internship   **Suwanee, GA**

Internship   August 2018- *November 2019*

- Filed water bills, taxes, and complete background checks on clients for state security
- Tested development of new file organization database

Debate Team   **Johns Creek, GA**
Policy Debater   *August 2013-May 2019*
- Teamwork to analyze legal writing
- Advocated my argument regardless of external pressures or personal beliefs

Lincoln- Douglas Varsity Debater/2018 President
- Collaborated with team members to recruit, teach, and forge relations between teams from other schools
- Competed and judged in national tournaments

Biomedical:

Health Occupations Students of America   **Johns Creek, GA**
State Finalist / National Qualifier   *August 2015*
- Competed in Behavioral Health
- Psychologically analyzed the mindset of an individual and assess the motive of their actions

Army Help Centre   **Johns Creek, GA**
Personal Passion Project   *May 2017-Present*
On-Call Therapist
- Served as a therapist for people of all ages (usually around 12-30)
- Learned how to sympathize, empathize, and deal with life and death situations
- Social Media Management Skills (raised mental health awareness through booths, local TV, and projects with writers on Jungian theories)

Education:

University of Michigan, Ann Arbor
Completing Bachelor of Science in Computer Science Engineering, 2023
- **Relevant Coursework:**
  - **EECS 203 - Discrete Mathematics**
    - Summary: propositional and predicate logic, set theory, functions and relations, growth of functions and asymptotic notation, elementary combinatorics, graph theory, and number theory.
  - **EECS 280 - Programming and Introductory Data Structures**
    - Summary: C++ Programming projects: Image processing program, Euchre, Web Backend, and Machine Learning Algorithms

Northview High School (4.0+ Final GPA)

Links:

Coursera Certification:
https://coursera.org/share/1fe81529635b47fef36baaae86d1f214
https://coursera.org/share/bdc2ef3d2fef2bea252b1bc15dd92be0