SOHAN CHOUDHURY

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Education

Georgia Institute of Technology **GPA: 4.00**
- B.S. in Computer Science (Intelligence & People), Honors Program *Aug 2017 – May 2021*
- Stamps Presidential Scholar, top 1% of incoming freshman class
- <u>Relevant Coursework</u>: Machine Learning, Data Structures & Algorithms, Object-oriented Programming, Discrete Math, Multivariable Calculus, Linear Algebra, Global Issues & Leadership

Coursera Deep Learning Specialization – 5 deeplearning.ai courses by Andrew Ng *May 2018 – July 2018*

Experience

VeriResume **Atlanta, GA**
Co-Founder *June 2018 – Present*
- Developing online tools to add verification to resumes via document upload and manager email feedback
- Marketed product using website (veriresume.co) to drive newsletter and gain feedback from recruiters

Everbridge **Burlington, MA**
Software Development Intern *May 2018 – Aug 2018*
- Made improvements in Go to the Notification Engine Dashboard, an internal database monitoring tool
- Optimized ELK and Mongo queries to reduce delay from 42 to 5 seconds on last 1,500 broadcasts
- Added optional CSV output used by upper management in incident troubleshooting and reporting

Yale University **New Haven, CT**
Research Intern | Hematology *June 2016 – Sept 2016*
- Developed 2 Python programs to analyze alternative splicing linked to mutated leukemia-related gene
- Identified and documented novel splice sites in patient genomes to aide efforts of research group
- Evaluated needs of chief bioinformatician, presented progress during weekly meetings

Projects

Daycare Face Recognition *Aug 2018*
- Created a real time 1:6 face recognition system for My Second Home, a local home daycare business
- Utilized FaceNet model, OpenCV, IP security camera, and wireless speaker to notify employees of specific visitor at entrance, achieved 96% accuracy with average response time of 523 milliseconds

Citadel Data Open *July 2018*
- Competed in the East Coast Summer Invitational in a team of 4 to analyze 2017 aviation industry data
- Submitted a 9 page report detailing creation of a metric for assessing domestic interconnectivity of airlines

Leadership

Medium Blog *July 2018 – Present*
- Wrote tech-focused posts viewed by over 11,000 readers, 2 articles published in *Towards Data Science*
- Recognized via personal email and publicly shared on Twitter by Andrew Ng, tweeted by Coursera

Georgia Tech Debate Team *Aug 2017 – Present*
- 2nd place speaker and 8th place team at 2018 GPDA State Championship
- Varsity competitor, 5+ years' cumulative experience in Parliamentary and Public Forum formats

Skills

Programming: <u>Fluent</u>: Python, Java, Go | <u>Proficient</u>: MongoDB, Elasticsearch | <u>Web</u>: HTML, CSS
Software: GIT, Jupyter Notebooks, Kibana, Studio 3T, TensorFlow, Keras, Adobe Photoshop
Awards: Fairfield University School of Engineering Underclass Book Award, National Merit Finalist
Interests: Public Speaking, Writing, Data Science, Watches, Guacamole