SOHAN CHOUDHURY

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Education

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

Coursera deeplearning.ai – 5 course specialization by Andrew Ng   *May 2018 – July 2018*

Experience

VeriResume   **Atlanta, GA**
Co-Founder   *June 2018 – Present*
- Creating online tools to add verification to resumes via document upload and email referrals
- Developed website (veriresume.co) and newsletter to drive interest and gain feedback, currently speaking with recruiters to determine industry demands and viability

Everbridge   **Burlington, MA**
Software Development Intern | Architecture   *May 2018 – Aug 2018*
- Worked in Go on the Notification Engine Dashboard, an internal database monitoring tool that tracks over 67,000 production level broadcasts per day
- Optimized ELK and Mongo queries to improve loading delay from polynomial to linear time
- Assessed upper management needs and created optional csv output for post incident reporting

Yale University   **New Haven, CT**
Research Intern | Hematology   *June 2016 – Sept 2016*
- Developed two Python programs to identify cryptic alternative splicing linked to cancers by analyzing splice site documentation (GTF/GFF3 files) and outputting a tab-delimited set (STAR file) for analysis
- Evaluated needs of chief bioinformatician, presented progress during weekly group meetings
- Gained exposure to shell scripting, Linux architecture, data wrangling, and file I/O

Projects & Leadership

Citadel Data Open   *July 2018*
- Competed in the East Coast Summer Invitational along with a team of 3, wrote and submitted a 9 page report within 7 hour time constraint
- Analyzed 2017 aviation industry data to create a metric for assessing domestic interconnectivity of airlines, created schemas of two predictive models to motivate importance

Medium Blog   *July 2018 – Present*
- Published stories on MongoDB World 2018 and Coursera's Deep Learning Specialization, among others
- Viewed by over 1.6k readers, 2 articles featured in *Towards Data Science*

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

Skills

Programming:	Fluent: Python, Java, Go	Proficient: MongoDB, Elasticsearch	Web: HTML, CSS
Languages:	Native: English, Bengali	Intermediate: Hindi, French
Software:	TensorFlow, Keras, GIT, Jupyter Notebooks, Kibana, Studio 3T, Adobe Photoshop
Awards:	Fairfield University School of Engineering Underclass Book Award, National Merit Finalist