

# SOHAN CHOUDHURY

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## Education:

### Georgia Institute of Technology

Atlanta, GA

Bachelor of Computer Science GPA: 4.00

Graduation: May 2021

- Threads: Intelligence & Theory
- Stamps Presidential Scholar, top 1% of incoming 2017 Class
- Honors Program

### Fairfield Warde High School

Fairfield, CT

GPA: 4.35

June 2017

- High Honors, Headmaster's List

## Technical Skills and Certifications:

- **Databases:** MySQL 5.7, MongoDB 3.4
- **Operating Systems:** Windows XP/7/8/10, Linux, CentOS 7, Ubuntu 12.0/14.0, MacOS El Capitan/Sierra
- **Applications:** Microsoft Word/Excel/PowerPoint/Publisher/Access, Adobe Photoshop/InDesign
- **Languages:** Python 3, Java 7/8, HTML5, CSS3, Shell script
- **Configuration Software:** SaltStack, **Cloud:** AWS, **File Systems:** ext4, XFS, ZFS
- **Certifications:** GitLab/GitLab CI Course For Developers and DevOps (Udemy)  
Mastering SaltStack: From Ground To Cloud (Udemy)  
Learn How Python Works with NoSql Database MongoDB (Udemy)

## Research / Work Experience:

Yale University Department of Hematology

New Haven, CT

Research Intern

June 2016 - September 2016

- Created a program to accept a genomic annotation file query (BED file) and a genomic sequence (FASTA file) that would output the desired portion of a sequence (FASTA file)
- Created a program to identify cryptic alternative splicing linked to leukemia by accepting a splice site documentation (GTF/GFF3 file) and outputting a tab-delimited file (STAR file) for further analysis

## Projects:

- Currently developing a scheduling application using MySQL 5.7 (back-end database) and Java 8 (front-end) in order to help visualize and optimize task completion

## Extracurricular Activities:

Georgia Tech Debate Team

August 2017 - Present

- Varsity debater, 5+ years competitive debate experience in Parliamentary, Policy, and Public Forum
- 2<sup>nd</sup> place speaker, 8<sup>th</sup> place team in 2018 GPDA State Championship

## Awards and Recognition:

- Fairfield University School of Engineering Underclass Book Award
- AP Scholar with Distinction Award