

# SOHAN CHOUDHURY

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Stack Overflow: <https://stackoverflow.com/users/12398210/sohan-choudhury>

## Education:

### Georgia Institute of Technology

Atlanta, GA

*Bachelor of Computer Science GPA: 4.00*

*Graduation: May 2021*

- Stamps Presidential Scholar, 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
- **Certifications:** GitLab/GitLab CI Course For Developers and DevOps (Udemy)  
Mastering SaltStack: From Ground To Cloud (Udemy)  
The Complete Java Developer Course (Udemy)  
Learn How Python Works with NoSql Database MongoDB (Udemy)

## Work Experience:

Yale University Department of Hematology

New Haven, CT

*Research Intern*

*June 2016 - September 2016*

- Developed two bioinformatics tools using Python 3 for the use of the Pillai Lab
- 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 accurately identify cryptic alternative splicing linked to leukemia by accepting a splice site documentation (GTF/GFF3 file) and outputting a tab-delimited output (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, Experience in NPDA, Five years cumulative competitive debate experience

## Awards and Recognition:

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