

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, **Cloud:** AWS, **File Systems:** ext4, XFS, ZFS
- **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

- 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