Chetan Alla

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EDUCATION
University of Maryland—College Park, MD   Expected May 2023
Bachelor of Science, Computer Science and Mathematics
Cumulative GPA: 4.0

SKILLS
Programming Languages: Java, C++, Python, Typescript, Javascript, HTML, CSS, Swift.
Frameworks: Angular, Spring, Hibernate, Git, Swift UI.

WORK EXPERIENCE
Seygen Technologies   Jun-Aug 2019
Software Engineer Intern   Arlington, VA
- Secured Seygen projects utilizing Java and Spring Security to implement user authentication and SSL for their web apps.
- Collaborated with team members to effectively deploy web apps onto live tomcat servers for Seygen clients.

Seygen Technologies   Jun-Aug 2018
Software Engineer Intern   Arlington, VA
- Developed and tested a full-stack web app to digitize Seygen's asset tracking utilizing Java, Spring, Hibernate, and a SQL server.
- This web app uses the MVC design pattern which relies on REST api to query the SQL database.
- Locally deployed this web app onto a tomcat server which is still used by Seygen today.

PROGRAMMING PROJECTS - Github: https://github.com/allachetan
Personal Project   Jul-Aug 2020
Project Management Web App
- Developed a single-page web app to manage and plan a project. It allows users to interactively break a project into sub parts and create tasks to complete.
- All changes in the web app are automatically saved to a RDS database on AWS.
- Utilizes Angular, Spring, JWT Authentication, AWS Beanstalk and RDS.
- Demo: https://chetanalla.com/Project-Manager/

Personal Project   Jan 2020
Program to keep a usb & Google Drive folder in sync
- Developed a Java application that downloads all missing files from a Google Drive folder to a usb. It automatically opens a browser to sign into a Google account with permissions to access the specified folder if necessary.
- Utilizes Java and Google Drive API and runs as a jar file.
- Repo: https://github.com/allachetan/Google-Drive-and-USB-Sync

Personal Project   Sep 2018
Trivia Bot
- Developed a Java application that answers multiple choice trivia questions. A user uses the application to take a screenshot of a question. Then, it uses OCR to read the question from the image and a simple algorithm to determine the answer based on Google Search results.
- Utilizes Java, Asprise OCR, and Google Search.
- Repo: https://github.com/allachetan/Google-Drive-and-USB-Sync