

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, Javascript, Typescript, HTML, CSS, Swift.

Frameworks: Angular, React, Spring, Git, Swift UI.

WORK EXPERIENCE

Seygen Technologies

Jun-Aug 2019

Software Engineer Intern

Arlington, VA

- Secured Seygen projects by utilizing Java and Spring Security to implement user authentication and encryption when writing to a database.
- Implemented new features, functionality, and designed/developed views for web apps.
- Collaborated with my team members to effectively deploy web apps onto live tomcat servers.

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 database on AWS RDS.
- 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/Trivia-Bot>