

Chetan Alla

<https://chetanalla.com> (703)832-5760 allachetanr@gmail.com

EDUCATION

University of Maryland—College Park, MD

Expected May 2023

Bachelor of Science, Computer Science

Cumulative GPA: 4.0

SKILLS

Programming Languages: Java, C++, Python, Javascript, Typescript, HTML, CSS, Swift.

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

WORK EXPERIENCE

Collins Aerospace

Jun-Aug 2021

Software Engineer Intern

Annapolis, MD

- Incoming Intern, will start Jun 1, 2021.

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

Jan 2021

Nav Weather

- Developed a web app to show the weather along a navigation route.
- Shows both the overall weather and the weather at a specific part of a navigation route. Colors a part of the route based on the weather conditions in that specific area. Data shown are temperature, precipitation, precipitation chance, wind speed, and ice accumulation.
- Built using React and utilizes Google Maps API and Weather.gov API.
- Demo: <https://chetanalla.com/NavWeather/>

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/>