

Dagmawe Legesse

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EDUCATION

Villanova University

Villanova, PA

- **Bachelor of Science in Computer Engineering (Cum Laude)** May 2023
- **Minors in Computer Science**
- **Coursework:** C++ Algorithms & Data Structures, Cloud Security, Discrete Structure, Java Bootcamp, Analysis of Algorithms, Operating System, Software Engineering, Computer Networks and Security, Database Systems, etc.
- **Projects:** Penetration Test (Kali, Metasploitable, Exploit services), CRS-App (React Native, Azure, APIs), Web applications (Flask-React, CSS, JavaScript, Python), Calculator and Tic-Tac-Toe Project (Java), Sonar Sensor Project (Quartus, VHDL)
- **Github:** <https://github.com/Dagmawe>
- **Linkedin:** <https://www.linkedin.com/in/dagmawe-legesse-299435198/>

ENGINEERING/PROFESSIONAL EXPERIENCE

Anaplan

San Francisco, CA

Software Engineer Intern

June 2022 – August 2022

- Utilized React, typescript, Javascript, CSS/SCSS, SpringBoot, and APIs to build applications at an **enterprise** level
- Implemented unit tests to test code for proper and correct functionalities
- Work closely with product and design teams to understand the feature set and build scalable code

IBM

Remote

Selected Participant for Accelerate Program – Software Developer Track

June 2022 – August 2022

- Expanding skills in programming, critical thinking, and problem-solving.
- Weekly lessons and webinars to commence and expand in the software engineering track.

CodePath

Remote

Technical Interview Prep – Software Engineer Track

Summer 2022

- 12-week virtual program taught by professional engineers to help us solve challenging algorithmic problems to allow us to land internships and jobs at top tech companies.

JP Morgan Chase

Remote

Code For Good Hackathon Selected Participant

March 2021

- Designed a web application for a non-profit organization under 24 hours that was assigned to us by JPMC recruiters.
- Created a Full-Stack web application using React + Flask. Implemented React for the front end and API Flask for the back end.
- Utilized Github, Slack, and VS to interact and build our application.

Villanova University

Villanova, PA

Student Consultant II

October 2020 – May 2023

- Assisted all undergrad and grad students with any software and/or hardware issues.
- Accommodated professors and staff with all loaner laptops and technical issues.

360 Marketing

Remote

PHP/SQL coding Intern

Summer 2021

- Improved UI to be more engaging and interactive. Troubleshoot any technical issues.
- Improved social media attraction for the company through strategic and creative methods.

LEADERSHIP & EXTRACURRICULAR

National Society of Black Engineers

Villanova, PA

Senator

April 2021 – May 2023

- Represent the will of my respected chapter in National and Regional meetings.
- Responsible for casting votes in meetings on behalf of the Villanova NESBE chapter in Region 2.

Black Student Union

Villanova, PA

Member

April 2021 – May 2023

- Attended meetings to help promote minorities in STEM to excel.
- Promote and expand the organization

SKILLS, PROGRAMS, & MORE

Programming: C/C++, Django, Java, Python, Spring Boot, Javascript, typescript, CSS/SCSS, HTML, Docker, etc

Others: Electrical Circuits, ARM Architecture, Quartus, Computer Networks (TCP/OSI), SQL, Kali

Analytical: Problem-solving, Critical thinking, Data Analysis

Interests: Software Engineering, Cyber Security, Machine Learning