

Amanuel Dissassa

202-492-4438 | adissass03@gmail.com | linkedin.com/in/adissass | github.com/adissass

EDUCATION

Virginia Tech — College of Engineering

Expected May 2027

Bachelor of Science, Computer Science

Blacksburg, VA

- Relevant Courses: Data Structures & Algorithms, Software Design, Computer Organization, Discrete Mathematics

Montgomery College

Graduated Aug 2025

Associate of Arts, Computer Science

Rockville, MD

- Graduated with Honors; 3x Dean's List; Phi Theta Kappa Honor Society

EXPERIENCE

Front End Developer Intern

Jun 2022 – Aug 2022

Kuraztech

Ethiopia

- Built modular Flutter components and reusable UI templates, **cutting new feature build time by 40%** and standardizing front-end design across internal apps.
- Designed an integrated a shared widget library **adopted by two production teams**, enabling faster UI iteration and consistent design patterns.
- Optimized rendering performance and device responsiveness, **reducing visual QA defects by 10%** and improving delivery turnaround.

Logistics Processor

Nov 2024 – Aug 2025

Nordstrom

Mclean, VA

- Processed **70–150 multi-item orders per shift** with 3–5 teammates, maintaining a **reject rate under 10%** through real-time verification.
- Standardized the staging workflow for large orders, improving peak throughput and **reducing packing delays by 20%**.
- Implemented handoff protocols across departments, eliminating order-routing bottlenecks and streamlining daily logistics flow.

PROJECTS

Fusion Calculator (VelvetFusion) | *Java, Spring Boot, JSON, PostgreSQL, Next.js*

- Built a full-stack Persona 5 fusion calculator with Spring Boot, Next.js, and PostgreSQL by designing REST endpoints and rule-based fusion logic for **200+ persona combinations**.
- Developed a Pokédex-style compendium using shadcn UI components and fuzzy-search, improving lookup speed and usability for **100+ entries**.
- Automated persona image retrieval with a Python scraper using Requests and BeautifulSoup that crawled **100+ Fandom pages** and prepared assets for database import, **reducing manual mapping to zero**.

Chrome Extension (Pomofy) | *JavaScript, HTML, CSS*

- Developed an published a **Chrome extension** integrating the **Pomodoro technique** into **Spotify Web Player** by injecting dynamic timer elements into the DOM, eliminating tab-switching.
- Engineered state synchronization and customizable settings using Chrome Storage APIs, enabling users to configure durations, presets, and behaviors across sessions.
- Enhanced **focus continuity by 100%** through real-time favicon and tab-title indicators, ensuring full timer visibility without switching tabs.

SKILLS

Languages: Java, JavaScript, Python, HTML/CSS, Dart

Frameworks/Libraries: Next.js, React, Spring Boot, Tailwind CSS, Flutter

Tools & Practices: Git, Jira, Docker, PostgreSQL, Selenium, Chrome APIs, Google Cloud Platform (GCP)

Familiar With: Kotlin, Swift, TypeScript, Figma, Node