

Andrew Boyer

asboyer.com

EDUCATION

Georgia Institute of Technology | *Bachelor of Science in Computer Science* Atlanta, GA
Specialties: Cyber Security and Info Internetworks | *GPA: 4.0 [Major]* Graduation date: May 2026
Courses: Data Structures & Algorithms, Computer Networking, Computer Organization, Software Engineering, Systems & Networks, Database Systems, Design & Analysis of Algorithms, Object-Oriented Programming, Discrete Mathematics

PROFESSIONAL EXPERIENCE

Amazon May 2025 – August 2025

Software Development Intern | *Java, TypeScript, React, AWS, SQL, CDK, REST, CI/CD* Dallas, TX

- Architected full-stack enterprise tool to automate workflows, with authenticated onboarding, monitoring, and OE.
- Tool reduces operational overhead by 99.8%, saving \$300,000 annually, built to scale with company-wide adoption.

Ashvin AI Jan 2025 – May 2025

Software Engineering Intern | *React, Typescript, Python, PostgreSQL, Kubernetes, REST, LLM* Cambridge, MA

- Worked with team to build and maintain full-stack web app for reviewers verifying LLM extractions.
- Built LLM-based service to identify bounding boxes within document pipeline. Integrated app with EHR API.

Neurture May 2024 – Aug 2024

Software Engineering Intern | *React, Typescript* Needham, MA

- Wrote 1,500+ lines of production code to grow application features including courses, payroll, & meditations.
- Integrated with code-base to add features, utilized React Native to improve UI, improved subscription processes.

theCoderSchool Sep 2020 – Sep 2022

Trained Staff Instructor, Curriculum Developer | *Python, Java* Sudbury, MA

- Instructed kids ages 6-15 in Python, Scratch, Bash, Java, & JavaScript. Also taught web-scraping & cryptography.
- Developed curriculum & lead sessions from 1-5 students, utilizing project & lecture-based learning.

IntelyCare Mar 2021 – Sep 2021

Data Science Intern, Quality Assurance Intern | *Python, JavaScript, Angular.js* Quincy, MA

- Analyzed 20+ customer data sets and generated 10+ plots shared company wide, using Python programming.
- Interfaced with quality assurance team, used Angular.js and Selenium to create & maintain web automation suite.

PROJECT EXPERIENCE

What's The Move | *React Native, TypeScript, Node.js, PostgreSQL, Socket.io, Prisma* Nov 2025 – Present

- Built full-stack React Native social platform, designed scalable Node.js backend with real-time messaging.
- Engineered engagement features using Redux, managed complex state and PostgreSQL database architecture.

Spotify-Wrapped Android App | *Java, Firebase, XML, Gson, Spotify API, Git* Mar 2024 – May 2024

- Led group in building full-stack Android app, designed async back-end architecture, conducted quality assurance.
- Utilized Firebase to store user data in the cloud, interfaced with Spotify web API to extract listening statistics.

Goat Grade | *Python, Flask, BeautifulSoup, Javascript, React, AWS, Git* Mar 2021 – Present

- Engineered web application to scrape NBA statistics, rank players & teams. Built API to access rankings.
- 80% accuracy rate in MVP prediction, predicted 2024 NBA champion. Ranks from 1956 season to present day.

RebootHacks | *Bootstrap, jQuery, HTML/CSS, Javascript, Flask, SEO, AWS, Git* Jan 2021 – June 2022

- Organized a virtual high school hackathon with 170+ attendance, 23 presenting projects, 7 winning teams.
- Raised over \$3,000 for the event, with publicity from [Boston Globe](#). Donated remaining funds in [charity initiative](#).

TECHNICAL SKILLS

Languages: Python, Java, C/C++, JavaScript, TypeScript, HTML/CSS, SQL, Assembly, Ruby, Gradle, Bash

Frameworks & Libraries: React, Angular, Node.js, Flask, JUnit, jQuery, Rails, MongoDB, selenium, bs4, numpy

Tools: Git, Linux, Docker, Firebase, AWS, Lambda, DynamoDB, S3, CloudWatch, SQS, CDK, CI/CD, Wire-shark

ACHIEVEMENTS & EXTRACURRICULARS

Achievements: Eagle Scout, Dean's List, USACO Gold, Outstanding Beijing Exchange Student, picoCTF Top 50

Extracurriculars: CoC Academic Tutor, Transfer2Tech Mentor, GreyHat, Startup Exchange, Ramblin Roundnet

801 Atlantic Drive
Atlanta, GA 30332-0280

February 5, 2026

Amazon
410 Terry Ave N
Seattle, WA 98109

To the Hiring Team at Amazon,

I'm a senior undergraduate Computer Science major at the Georgia Institute of Technology, interested in building scalable, efficient, and user-friendly applications. This position at Twitch as a Software Engineer I requires someone who will craft immersive experiences and scalable applications for users. I believe my previous professional, project, and educational experiences make me a viable candidate for this job.

During my most recent internship on the Product Quality team, I designed, architected, and built out a full-stack enterprise tool to automate Andes Table permission renewals. This process acquainted me with Amazon's unique ecosystem of internal tools, like Brazil, Pipelines, and Cradle, as well as standard software libraries like the AWS CDK. I utilized a large range of technologies within the AWS ecosystem: DynamoDB, SQS, S3, Cloudwatch, Lambda, IAM, API Gateway, SES. Throughout building this tool, I had to consider different schema designs, data structures, and workflows and their efficiency and cost tradeoffs. I involved team members in this process and drew from their experience to make frugal design choices.

The initial scope of this tool was for developers on adjacent teams, therefore a robust UI was not a requirement. However, because I was ahead of schedule, I built out a simple React UI that interfaced with Midway and my API endpoints. The UI aimed to increase the tool's ease of use and adoption at the company. Adoption of the tool would reduce operational overhead by 99.8%, saving the company hundreds of thousands of dollars per year, according to average time spent on Andes renewal and the typical SDE hourly rate.

Aside from my experience at Amazon, I've worked at multiple startups where I built consumer-facing applications in React. At Ashvin AI, I built and deployed an LLM microservice in Python and integrated it into the product UI, increasing user efficiency. Additionally, working with a UX designer, I transformed the UI from a hard coded site optimized for one kind of medical device, into a full-stack application that was generic to any device. My projects have always kept the end consumer in mind as well, where I've used modern programming languages and frameworks to solve key problems and delight end users. From native mobile development, to email notification systems, I build with the consumer experience in mind.

In conclusion, I believe I strongly have not only the basic, but preferred qualifications for this role. My experience within Amazon makes me already familiar with the culture and internal

tooling. I've demonstrated effective collaboration, as well as a track record of building consumer-facing products that users love. Please follow up with me via email (asboyer@gmail.com) to set up a call and discuss further how I can help the team.

Sincerely,

Andrew S. Boyer

Role: <https://amazon.jobs/en/jobs/3141336/software-engineer-i>

Google Docs (cover letter):

<https://docs.google.com/document/d/1RZ4rVyF0GCzMphOrD5oFgpeHJJuWtGNmcXbhADp05Q8>