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]   *Grade: Junior*
Key coursework: Data Structures & Algorithms, Computer Organization & Programming, Software Engineering, Systems
& Networks, Database Systems, Design & Analysis of Algorithms, Object-Oriented Programming, Discrete Mathematics

PROFESSIONAL EXPERIENCE

Stealth Startup   Jan 2025 – Present
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.

Georgia Tech - College of Computing   Aug 2024 – Dec 2024
Academic Tutor, Student Assistant | Java, C, OOP Principles   *Atlanta, GA*
- Work directly with students to enhance course engagement & mastery (CS 2110, CS 2050, CS 1332).
- Lead PLUS sessions, guiding collaborative problem-solving & reinforcing lecture concepts.

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, paywall, & 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

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.

Open-Source Contributor | *Pypi, numpy, matplotlib, jekyll, liquid, Bash, Docker, Git*   Jul 2020 – Present
- Developed data science oriented open-source Python library, published & deployed on Pypi: Reporty
- Active contributor to academic portfolio template used by 200+ academics, labs, and courses: al-folio

TECHNICAL SKILLS

Languages: Python, Java, C/C++, JavaScript, TypeScript, HTML/CSS, mySQL, Assembly, Ruby, Scheme, Bash
Frameworks & Libraries: React, Angular, Node.js, Flask, JUnit, jQuery, Rails, MongoDB, selenium, bs4, numpy
Developer Tools: Git, Linux, Docker, Firebase, AWS, Virtual Machines, Wire-shark, VS Code, IntelliJ, JIRA, GitHub

ACHIEVEMENTS & EXTRACURRICULARS

Achievements: Eagle Scout, Dean's List, USACO Gold, Outstanding Beijing Exchange Student, picoCTF Top 50
Extracurriculars: Transfer2Tech Mentor, GreyHat, Startup Exchange Hackathons, Ramblin Roundnet