

BARRETT RUTH

(+1) 512-550-1381 | br@barrettruth.com | github.com/barrett-ruth

EDUCATION

University of Virginia *Charlottesville, VA* August 2022 — May 2026 (expected)
Pursuing B.A. Computer Science, B.S. Commerce GPA: 4.00

- Coursework: Data Structures & Algorithms, Discrete Math, Software Development

Liberal Arts and Science Academy *Austin, TX* August 2018 — May 2022
High School Diploma GPA: 4.55

- Coursework: Computer Science, Calculus BC, Physics 1, Physics 2

EXPERIENCE

nth Venture Studio February 2023 — Present
Data & AI

- Helped accelerate CERTD, an employee upskilling automation company
- Designed and automated content creation processes, from databases to course creation
- Used AWS, GCP, and ML Transformer technologies

GoTransverse August 2020 — February 2022
Software Developer

- Engineered full-stack solutions to cloud-billing platforms at international scale
- Worked part-time during school year over 16 consecutive months
- Used ReactJS, Flask, and PostgreSQL technologies

EXTRACURRICULARS

TheCourseForum | thecourseforum.com August 2022 — Present
VP of Engineering

- Member of web development team providing online course selection to UVA students
- Collaborated on full-stack solutions to architectural, logistical, and UI issues

Blossom Together January 2023 — Present
Volunteer

- Raise funds for student-led humanitarian program supporting African living standards

HONORS AND REWARDS

Trustees' Scholar Award (2019 — 2021): Ranked top 10% in class

National Spanish Exam (2016 — 2019): Placed top 5% for conversational proficiency

PROJECTS

import-cost

Display bundle size of JavaScript imports inside of editor in real-time

live-server

Live reload HTML, CSS, and JavaScript projects inside of local development servers

TECHNICAL SKILLS

Languages TypeScript, JavaScript, Python, Lua, Bash, Java

Frameworks ReactJS, Flask

Tools Docker, Kafka, Jekyll, Gradle

Databases MySQL, PostgreSQL, SQLite

Version Control Github