

Charlie Meyer

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EDUCATION

University of Virginia

Charlottesville, VA

B.A Computer Science, Echols Scholar (Honors Program)

May 2026

Relevant Coursework: Calculus I-III, Computer Architecture, Data Structures and Algorithms, Discrete Mathematics, Linear Algebra, Software Development.

GPA: 4.0/4.0

TECHNICAL SKILLS

- Languages: C, CSS, HTML, Java, JavaScript, TypeScript, Python, SQL.
- Backend: Amazon Web Services (AWS, completing Solutions Architect), Docker, Flask, GCP, Kubernetes.
- Misc: Git, GitHub Actions, GraphQL, Linux, Microsoft Suite, MDX, NextJs, NodeJs, React, TurboRepo.

WORK EXPERIENCE

Forge Academy

Hybrid

Software Engineer

Aug 2023 - Present

- Developing a Talent Board MVP to connect data science, marketing, and SWE interns with hiring companies.
- Spearheading student-focused development with NextJs, AirTable, and Google Cloud Platform, working in a team of three using agile development. Communicating weekly with full-time employees and management team.

Scenthound

Remote

Software Engineering Intern

May 2023 - Aug 2023

- Developed an app for data collection to accompany dog groomers while performing appointments and launched beta test across 5 corporate locations.
- Used AWS stack including AppSync, S3, and CloudFront with React, deployed with Docker.
- Worked in a team environment with contracted and full-time employees, met with beta testers weekly.

PROJECTS

HYMNAI, LLC

Jan 2023 - Present

Co-Founder

- Spearheaded AI-focused website that creates generative audio for music producers using Kubernetes, Pinecone, Redis, Firebase, and a React frontend. Formerly offering free services at hymn.market.
- Developing cloud infrastructure on AWS to support a multi-app business shift to hymnai.net.

Personal Website and Blog

Jul 2023 - Present

- Designed, coded, and served NextJs blog with CI/CD integration using MDX-Remote at charliemeyer.xyz
- Leveraged AWS Lambda and API Gateway to integrate GitHub webhooks and assorted API services under api.charliemeyer.xyz.
- Hosting a custom email server on Vultr with spam management, SSL Certificates, and OpenDKIM.

Activities @ UVA

International Relations Organization at UVA (IRO)

Sep 2022 - Present

Multiple Positions

- As treasurer, maintain all financial records and apply for financial grants, write monthly and yearly reports, file yearly assessments with the Commonwealth of Virginia to maintain its status as an incorporated entity.
- As Virginia International Crisis Simulation (VICS) XXVIII head of Media and Design, created an autonomous registration system at iro-vics.app, maintained the [VICS website](https://vics.website), and created branding guides and logos.
- As VICS XXVII Director-General, headed the interview process for the Model UN conference hosting over 400 delegates, interviewing 40 applicants and crafting training curricula for leadership staff onboarding programs.
- As Virginia Model United Nations Chair (VAMUN) LXII and LXIII, fostering debate among high schoolers across multi-faceted international crises, collaborating with junior staffers, managing a committee of over 30 delegates.