Charlie Meyer

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EDUCATION

University of Virginia   Charlottesville, VA

B.A. Computer Science, Minor Entrepreneurship, Echols Scholar (Honors program)   *Aug. 2022 – May 2026*

GPA: 3.96 / 4.0; Relevant Coursework: Data Structures and Algorithms 1-2, Advanced Software Engineering, Linear Algebra, Probability, Discrete Math 1

EXPERIENCE

Software Engineering Intern   May 2024 – Jul 2024

Principal Financial Group - Asset Management   *Des Moines, IA*
  - Integrated automated cloud migration techniques with Actions Importer to shift infrastructure from Azure DevOps to GitHub Actions for on-premise and AWS deployment pipelines.
  - Modernized legacy cloud infrastructure using proprietary Principal CDK standards, improving safety and cost-saving techniques with Principal's standardized foundation AWS resources.

Software Engineering Intern   May 2023 - Aug 2023

Scenthound   *Remote*
  - Built a web app for data collection to accompany dog groomers while performing appointments, and launched a beta test across 5 franchised locations. Used AWS stack and a React frontend to deploy with Docker.
  - Adapted to an agile environment with contracted and full-time engineers while meeting with beta testers weekly.

Software Engineer   Aug 2023 - Jan 2024

Forge Academy   *Hybrid*
  - Developed a "Talent Board" MVP for Forge Academy's leadership to connect over 500 data science, marketing and software engineering interns with hiring companies for their "Launch" program.
  - Spearheaded student-focused development with NextJs, AirTable, and GCP, and worked in a team of three using agile methodologies while also presenting bi-weekly progress to Forge's management team.

PROJECTS

simpletext | *Next.js, MDX, AWS, AWS CDK, Stripe*   July 2024
  - Engineered full-stack SMS/OTP service with Next.js alongside a TypeScript NPM package and documentation.
  - Architected scalable AWS infrastructure using CDK, implementing multi-AZ failover, caching, and high availability.

DoorShop | *React Native Expo, Stripe, Firebase*   Mar 2024 - Present
  - Published to the App Store a peer-to-peer marketplace, enabling delivery within apartment buildings of 3-5 minutes.
  - Leveraged Stripe Connect to allow buyers and sellers on the app, integrating Apple Pay and Stripe payments.

TECHNICAL SKILLS

Languages: Bash, C, CSS, HTML, Java, JavaScript, TypeScript, Python, Swift, SQL
Backend & Frameworks: Amazon Web Services, Docker, Expo, Flask, Google Cloud Platform, GitHub Actions, GraphQL, Kubernetes, NextJs, NodeJs, React, React Native + Expo, SQL/NoSQL Databases
Misc: Confluence, Git, GraphQL, Figma, Jira, NumPy, Redux, TailwindCSS
Certifications: AWS Certified Cloud Practitioner (CLF-C02), AWS Certified Solutions Architect - Associate (SAA-C03)

ACTIVITIES AT UVA

Founders@UVA   Jan 2024 – Present
  - Co-created closed-loop organization of talented UVA student entrepreneurs and founders connecting undergraduates on Grounds to Charlottesville angels, VC's, and alumni founders.
  - Executed first entrepreneurial-focused career fair, the "Founders Fair," showcasing diverse UVA-affiliated startups.

International Relations Organization (IRO) at UVA   Sep 2022 - Present
  - VICS XXIX Secretary-General (May 2024 - Present): Lead Virginia's premier college Model UN conference, hosting over 350 delegates across the United States and managing over 75 UVA staffers over one weekend.
  - Treasurer (Sep 2022 - May 2023): 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.