Permanent Address:
84103 Salt Lake City, UT

ANDREW PRINCE
andrewprince.co

Current Address:
22903 Charlottesville, VA

EDUCATION

University of Virginia, Charlottesville, VA
B.A COMPUTER SCIENCE   *Expected May 2026*
Minor in "Innovation in Business", McIntire School of Commerce
Relevant Coursework: Algorithms and Data Structures, Software Development, Computer Systems and Organization, Discrete Math and Theory, Calculus based Physics, and Calculus II
3.78 GPA, Deans List Award Fall 23', Fall 22', Spring 23'

EXPERIENCE

MetTel, New York City
Software Engineering Intern   *June 2024 - Present*
- Interning on the 'data-pipeline' team using Apache Kafka, Apache Iceberg, Dagster, AWS S3, AWS ECR, Trino and Solr for task such as building API implementations for SpaceX's Starlink telemetry data
- Engineered a versatile core service library for S3 data lake sink functionality, designed for universal implementation across all repositories
- Developed and orchestrated multiple high-performance data pipelines using Dagster, including an SD-WAN monitoring pipeline that polls multiple hosts every 3 minutes to automatically generate support tickets upon detecting gateway issues, and a company device pipeline that monitors network configurations for over 30,000 devices, seamlessly integrating data into critical company systems

ACADEMIC PROJECTS

OptimalHS Website, Salt Lake City, UT
Personal Project   *June 2024*
- Developed OptimalHS.org, incorporating complex scheduling logic, database queries, recurring email systems, and administrative UI capabilities for a centralized business work space
- Utilized Django with principles DRY and loose coupling, while enhancing skills in HTML/CSS to create a functional and visually appealing website

CRUD Course Review Application, Charlottesville, VA
CS3140 Capstone Project   *May 2024*
- Implemented JavaFX Application for course reviews utilizing Java, SQL, JDBC Gradle, Mockito, and JSON handling
- Collaboratively developed the application via Git in a team of 4, teaching the importance of effective communication and coordination when working in a group setting

ACTIVITIES

Association of Computing Machinery, Charlottesville, VA
Member   *August 2023 - Present*
- Academic Computer Science Club @ UVA

Virginia Rowing Association, Charlottesville, VA
Rowing Team Member   *August 2023 - Present*
- Dedicated to approximately 20 hours per week to rigorous training sessions with the UVA Rowing team, commencing at 6 AM every Monday through Friday

Boy Scouts of America, Salt Lake City, UT
Eagle Scout   *August 2018 - February 2021*
- Organized various volunteer initiatives, gaining leadership, teamwork, and problem-solving skills
- Spearheaded crowdfunding campaign for Other Side Academy, honed skills in project management, communication, and community engagement

TECHNICAL SKILLS

- Apache Kafka, Git, AWS, Python, Java, C, x86 AT&T Assembly, Functional Programming, Dagster, SQL, Trino, Solr, JDBC