KEVIN C. EWING

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EDUCATION

Middlebury College, Middlebury, VT   **May 2023**
Bachelor of Arts in Computer Science (Summa Cum Laude, Highest Departmental Honors)
GPA: 3.89/4.00; College Scholar (Highest Academic Honors)

Middlesex School, Concord, MA   **May 2019**
Awards: Honors AP Scholar with Distinction, Community Service, Tennis
Activities: Community Service, School Leader of Heading Home, 2016-2019, Middlesex Yearbook: 2017-2019

EXPERIENCE

Genesys, Durham, NC   **February 2024 – Present**
Software Engineer
- Developer on the Cloud Service Availability Team

Genesys, Durham, NC   **June 2023 - January 2024**
Associate Software Engineer
- Engineered comprehensive access management automation tools, including provisioning, deprovisioning, and audit processes, bolstering system security and compliance.
- Advanced monitoring and alerting mechanisms, improving incident response and system reliability through automated audits and real-time alert integration.
- Refined CI/CD pipelines and software deployment strategies, ensuring robust data integrity and system resilience.

Genesys, Durham, NC   **Summer 2021, Summer 2022**
Software Engineering Intern
- Worked on the Cloud Service Availability DevOps team
- Gained experience with backend AWS infrastructure. Built lambdas in both Clojure and Python, and prototyped a user interface with React to allow the security team to audit and regulate developer access to development tools and platforms
- Developed BitBucket repository auditing software in Clojure
- Integrated Oracle auditing tool with developer environment credential granting and access provisioning pipeline

Computer Science Department Teaching Assistant, Middlebury, VT   **2022 – 2023**
Teaching Assistant
- Hosting biweekly office hours for the, upper level, Systems Programming elective assisting students in projects to re-write C standard library functions such as fread(3), fwrite(3), mmap(2), malloc(3), and command line tools including a shell, and ls

Middlebury College Snow Bowl Ski Patrol, Hancock, VT   **2019 – 2023**
Ski Patrol President
- Leading a team of ski patrollers to ensure customer safety by providing medical care and safe mountain operations
- Professional National Ski Patroller with Emergency Medical Technician (EMT) and Outdoor Emergency Care (OEC) Certifications

Biology Department Research Assistant, Middlebury, VT   **2020-2021**
Data Science Research Assistant
- Independently built Shiny web applications in R to visualize tick population densities and pathogen trends using data collected in Professor David Allen's lab, and by the National Ecological Observatory Network
- Worked to ensure polished demos and presented for the new Middlebury midd.data initiative

SKILLS

Programming Languages: Clojure, Python, Java, C, R, JavaScript (React), Haskell
Development Tools: AWS, CloudFormation, Jenkins, Docker, Git, Celery, Terraform