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: 3.92/4.00; College Scholar (Highest Academic Honors)

EXPERIENCE

Genesys, Durham, NC   **February 2024 – Present**
Software Engineer
- Spearheading the development of an AI-powered meeting digest tool leveraging AWS Bedrock and Anthropic AI models, optimizing incident management, meeting productivity, and enabling transparent access to meeting insights for post-discussion queries and analysis.
- Architecting and managing a comprehensive time-tracking system used by auditors for R&D tax credits and capitalization.
- Leading the expansion and refinement of an access management automation platform, strengthening security protocols, compliance enforcement, and third-party resource governance.
- Enhancing service resilience by optimizing CI/CD pipelines, automating audits, and improving real-time alerting mechanisms for proactive incident response.
- Driving innovation in change management automation, streamlining deployment processes and ensuring adherence to regulatory standards.

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.
- Improved user experience of these auditing tools by developing intuitive interfaces and integrating single sign-on capabilities.

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
- Hosted 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
- Lead a team of ski patrollers to ensure public safety by providing medical care and safe mountain operations.
- Professional National Ski Patroller with Emergency Medical Technician (EMT) and Outdoor Emergency Care (OEC) Certifications.

SKILLS

Programming Languages: C, Clojure, Haskell, Java, JavaScript, Python, R
Development Tools: AWS, Ansible, Bedrock, Celery, CloudFormation, Docker, Git, Jenkins, New Relic, Terraform