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# KEVIN C. EWING

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## EDUCATION

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**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

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**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

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**Programming Languages:** C, Clojure, Haskell, Java, JavaScript, Python, R

**Development Tools:** AWS, Ansible, Bedrock, Celery, CloudFormation, Docker, Git, Jenkins, New Relic, Terraform