

# LUCAS MARIANI

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## EDUCATION:

**University of North Carolina at Charlotte (UNCC)**, Charlotte, NC May 20XX  
Bachelor of Science in Computer Science | Concentration: Cyber Security | Minor: Mathematics GPA: 3.84  
Honors: Dean's List: Spring 20XX-Spring 20XX, Chancellor's List: Fall 20XX

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## TECHNICAL SKILLS:

**Languages:** Bash script, Java, C++, Ruby, PHP, JavaScript, MySQL, XML, HTML, CSS

**Networking & Security:** OSI model, Router configuration, RSA algorithm, Symmetric vs. Asymmetric encryption

**Foundational Concepts:** Quality assurance, Agile-Scrum framework, Automated testing, Distributed systems

**Proficiency:** SharePoint, Git

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## WORK EXPERIENCE:

### Oracle Corporation

*Test Automation Engineer Co-op*, Morrisville, NC Jan 20XX – Dec 20XX

- Reduced test bed builder time by up to 42% through implementing asynchronous function calls, leading to a 50% reduction in execution time of automated regression tests
- Ensured features and components adhere to strict telecommunication high availability standards known as Five 9's and minimized perceived downtime for users through redundancy, failover, and disaster recovery procedures
- Authored and executed feature test plans checking for compliance with functional and industry level security requirements for clients
- Developed software automation to verify system operation, software alarms, and disaster recovery procedures

### UNCC Writing Resources Center

*Writing Assistant*, Charlotte, NC Jan 20XX – Dec 20XX

- Advised undergraduate and graduate students for writing-related projects in various mediums, including doctoral dissertation, master's thesis, and research paper
  - Designed and delivered classroom presentations on various writing and documentation guidelines
  - Interacted with and listened to clients to provide appropriate solutions to address their needs
  - Aided in the development and maintenance of the department's Pinterest account
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## COURSE PROJECTS:

**Infrastructure Testing**, Logic & Algorithms Fall 20XX

- Developed bash scripts to deploy and configure the necessary components: Mongo-Connector, Elasticsearch, Logstash, and Grafana, as the infrastructure of the cloud dashboard under the Agile development framework
  - Researched and patched compatibility conflicts with existing components and scripts to ensure smooth deployments across Linux distros and virtual machines
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## STUDENT INVOLVEMENT:

### 49th Security Division – UNCC

*Member* Oct 20XX – Present

- Investigated and applied networking and security concepts, such as the OSI model and Man-in-the-Middle attacks
- Performed hands-on activities to strengthen theoretical knowledge, such as (De)obfuscation demonstration