Cheikh Dieng

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Education

Miami University, Oxford, OH *Expected graduation: May 2025*
B.S. in Software Engineering *GPA: 3.44/4.00*

Relevant Skills & Awards

- Java | Python | C++ | JavaScript | Agile | React | Microsoft Office (Word, Excel, PowerPoint) | Github | Linux
- Bilingual: English and Wolof
- 2x Dean's List | 2022 CSE Department Scholarship Recipient | Gilman Scholar | FEA Scholar | Bridges Scholar

Campus Involvement

National Association of Black Engineers *Fall 2021 - Present*
- Mentored a diverse group of 15 middle school students in controlling AI robots with iPad devices effectively
- Contribute to a supportive network of Black engineering students through collaboration and teamwork
- Utilize weekly meetings as an opportunity to advance my professional skills and abilities

Louis Stokes Alliances for Minority Participation *Fall 2021 - Present*
- Led a year-long research project on oil remediation in Yemen, resulting in valuable findings presented to a virtual conference of 100+ industry professionals. Worked closely with a cross-functional team on experimental design, data analysis, and presentation
- Cultivated relationships with influential leaders in the CEC, CAS, and CCA Deans, leading to participation in a campus-wide initiative focused on diversity and inclusion in STEM

Study Abroad Experience

Courses: *Summer 2022 - University of Calabria, Italy*
- CSE 270 - Artificial Intelligence field of Knowledge Representation
  - Gained hands-on experience analyzing declarative programming using Prolog in Visual Studio Code
  - Developed Answer Set Prolog-based programs that could solve Sudoku and Binario puzzles, demonstrating advanced problem-solving skills and mastery of declarative programming concepts
- CSE 262 - Technology, Ethics, and Global Society
  - Explored the intersection of technology and ethics through in-depth coursework, gaining valuable insights into the ethical implications of emerging technologies and their impact on society

Certificates

ICAgile Certified Professional Certification *April 2022*

- *Implemented agile methodologies and tools such as Scrum, Kanban, and JIRA to facilitate cross-functional collaboration and increase project visibility, resulting in a 25% increase in team productivity*

Microsoft Office Specialist Certification *February 2020*
- Utilized advanced features and functions within Microsoft Office applications to create visually appealing and user-friendly materials, resulting in increased engagement and retention among target audiences