

## Cade Mack

XXXXXXXXXXXXXXXXXXXX

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(XXX)XXX-XXXX

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### SUMMARY

Creative and analytical problem solver who knows how to lead and work in a team with strong interpersonal skills. Strong mathematical skills and great logical abilities. Extremely curious about machine learning research and applications.

### EDUCATION

**MS in Computer Science. Concentration: AI, Robotics, and Gaming**  
**University of North Carolina at Charlotte. Charlotte, NC.**

**Graduating: May 2023**

**BS in Computer Science. Concentration: AI, Robotics, and Gaming**  
**University of North Carolina at Charlotte. Charlotte, NC.**

**2018-2022**

**Minors: Mathematics, Anthropology**

**GPA: 4.0**

Noteworthy Courses:

- Applied Machine Learning (**Python, Master Level**)
- Natural Language Processing (**Python, Master Level**)
- Computer Vision (**Python**)
- Parallel Computing (**C++, Master Level**)

### EMPLOYMENT

***Machine Learning Engineer***

***1/2023 – Present***

**Diveplane Corporation | Raleigh, NC**

Responsible for general software engineering work as well as research towards machine learning applications and improving capabilities of company technology.

***Research Assistant***

***Spring 2020 – Winter 2022***

**College of Computing and Informatics, UNCC | Charlotte, NC**

Actively developing and improving machine learning solutions for multiple funded projects. Responsibilities include designing and training models (Tensorflow/PyTorch), evaluating results from different models, analyzing/processing data, creating data visualizations to help illuminate model performance, and more. Utilized High Performance Computing (HPC) clusters throughout to alleviate the workload of large datasets utilized within the project.

### HONORS AND EXTRACURRICULAR ACTIVITIES

Received Levine Scholarship Program – The premiere scholarship at UNC Charlotte

Graduated from National Outdoor Leadership School (NOLS) – 24-Day leadership program

Member of the UNCC Game Development Club

