# Navanidhiy Achuthan Kumaraguru

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**Objective**

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|  | A research or internship opportunity that can assist me utilize my attention to detail and problem-solving ability to develop my computer science skill sets. |

**Education**

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| Michigan State University | East Lansing |
| *B.S. Computer Science* |  |

**Skills**

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|  | Programming Languages: Python, C++, Java Database: SQL Software: Word, Excel, PowerPoint |

**Work Experience**

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| **East Culinary Services** | **East Lansing** |
| *Business Office Assistant* | Sep 2023 – Nov 2023 |

* Managed Culinary Services business office by answering phones, operating office equipment, and data entry
* Maintained records and accounts, updated report files through system reports, including managing mail processing and completing project assignments.
* Covered operational breaks, ran errands, and helped organize events, while working every other weekend to ensure smooth operation of the office

**Software Development Intern Dubai, UAE**

*Aristostar* May 2024 – July 2024

* Actively participated in a web app development project during the internship, gaining proficiency in NestJS for backend development.
* Acquired expertise in creating UML diagrams and project documentation.
* Collaborated effectively with the team, making significant contributions to the project’s success.
* Demonstrated strong initiative in self-improvement by seeking opportunities to learn new skills.
* Consistently met deadlines and delivered high-quality work in all assigned tasks.

**Project Experience**

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| **Python Project** |  |
| *Aces Up Game* | Mar 2022 - Apr 2023 |

* Developed a text-based implementation of the classic card game "Aces Up" using Python. Aces Up is a solitaire card game where the goal is to remove all cards except the four Aces from the tableau.
* Implemented the logic for shuffling, dealing, and removing cards in the game.

**Python Project**

*Movie Rating Prediction*

* Conducted comprehensive data analysis on movie performance using Python's data manipulation and visualization libraries (Pandas, Seaborn, Matplotlib) to explore relationships between film attributes such as budget, popularity, revenue, and language.
* Developed statistical models to evaluate correlations between financial investment and popularity, revealing critical insights about the factors that drive movie success beyond budget, such as effective marketing and audience engagement.
* Generated visually compelling plots including bar graphs, scatter plots, and histograms, to clearly illustrate findings and enhance the interpretability of complex data trends for stakeholders.

**Leadership Experience**

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| **Data Science Club** |  |
| *Treasurer* | Nov 2022 – May 2023 |

* Treasurer for the newly established Data Science Club at MSU, driven by a passionate interest in data science.
* Committed to expanding my knowledge and skills in this field through active team player participation and leadership.

**aWARDS**

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| Dean’s | List (Spring 2023) |

International Tuition Grant