Shane Nguyen

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Summary:

Integrous and driven researcher with a passion for making sense of difficult data. Enthusiastic about utilizing skills/knowledge in collaboration, analysis, python scripting, and human decision making to accelerate the success of my team in the traversal of ambiguous problem spaces via data driven solutions.

Education:

- B.S. Cognitive Science | University of California Irvine — Jan 2021 - March 2023
  - Honors: Magna Cum Laude (GPA: 3.97), School of Social Science Honors

Work Experience:

- Researcher | DEVCOM Army Research Laboratory — September 2022 - Current
  - Balanced work and deadlines of several research projects at once
  - Researched and brainstormed experimental approaches to larger research goals/missions with various affiliated universities
  - Automated the data cleaning and analysis process via python and matlab
  - Presented technical work to interested parties with little to no prior understanding.

Projects/Supplemental Education:

- Honors Thesis — 2022 - 2023
  - Investigated human and AI teaming in complex decision making tasks
  - R&D project from ground up, collected human subject data, analyzed and formed conclusions based on data analysis
  - Presented findings to peers and fellow academics from different areas of study

- Data Analytics Boot Camp at UCI — June 2023 - December 2023
  - Intensive 24 week course covering technical skills in data analytics/science
  - Work in statistics, data cleaning, analysis, visualization, and presentation.
  - Produced weekly data analytic projects individually and collaboratively

Technical Skills:

Programming:
- Python
  - Pandas, Numpy, Scipy, Scikit-learn, Matplotlib
- Matlab
- Javascript
- SQL

Design/ Visualization:
- HTML
- Tableau
- Excel/VBA

Version Control:
- Git

References available upon request