Bradley Hampton

(757) 692-8592 | BradleyCDHampton@gmail.com
Virginia Beach, VA 23453
www.linkedin.com/in/bradley-c-hampton | https://github.com/BradleyCDHampton

EDUCATION

Old Dominion University | Norfolk, VA
Master of Science (M.S.) in Computer Science | GPA: 4.00 | Expected Dec 2025

Old Dominion University | Norfolk, VA
Bachelor of Science (B.S.) in Computer Science / GPA: 3.96 | Dec 2024
- *Relevant Coursework*: Intro to Machine Learning, Intro to AI, Data Analytics and Big Data, Calculus III

PROJECTS

Mobile Application Development
- Collaborated with a small team via weekly scrum meetings using and updating a Jira board to organize and delegate tasks.
- Developed a chatroom, fully connecting the tech-stack of the project comprised of Docker, MySQL, Flask backend framework, and the frontend interface coded in Android Studio (Java).

Sokomind Solver
- Designed and compared heuristic functions to find an efficient solution to Sokoban puzzles using a Greedy algorithm, reducing the search space by 90% against a Manhattan heuristic function.
- Structured code with high-order functions and modularity in mind, enabling algorithms and heuristics to be tested by changing command-line arguments implemented through Python's argparse library.

Reversi
- Explored multithreaded control flow through creating a graphical UI using Python's Tkinter package.
- Applied k-fold alpha-beta lookahead creating computer-controlled opponents at an advanced skill level.

Personal Name Extractor
- Implemented a naive Bayesian machine-learning model from scratch in Java to identify and annotate personal names from a plaintext file with a 90% rate of accuracy.
- Wrote an SRS document and user stories based on elicited requirements to obtain a strong familiarity within the required domain of application, resulting in efficient coordination among the sprint team.
- Formulated unit-tests to drive development and measure success, resulting in 94% test coverage across the entire team repository.

LeetCode Problem Solving   LeetCode Profile: Bradley Hampton
- Coded algorithms to solve over 20 problems with respect to optimal time and memory efficiency.
- Achieved a global ranking above the 90th percentile for total problems solved.

SKILLS

Programming Languages: C++. Python. Java. Javascript. SQL. Lua. R. SAS.
Frameworks: NumPy. Pandas. Sci-kit Learn. Matplotlib. Flask. Android Studio.
DevOps: Git. Unix. Docker. Jira. Apache Spark. Databricks.
Soft Skills: Agile. Scrum. Documentation. Leadership. Collaboration. Management.

EXPERIENCE

DataAnnotation | Remote   March 2024 – Present
Data Annotator
- Compiled, debugged, and evaluated the performance of AI models across mathematical and coding projects, resulting in the completion of hundreds of tasks.
- Provided descriptive feedback for model-generated responses across multiple defined dimensions, such as helpfulness, correctness, and instruction-following, contributing high quality training data enhancing the capabilities of AI tools.
- Received commendation for high-quality annotations across projects.