

CHRISTIANA NARDI

COMPUTER SCIENCE, B.S.

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RICHMOND, VIRGINIA

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SKILLS & ABILITIES

Languages	Java, JavaScript, C, HTML, CSS, Python, C#, Shell
Software	Eclipse, Visual Studio, IntelliJ IDEA, Terminal, Ubuntu, Jupyter, Pandas, NumPy, Matplotlib, Keras, Unity, Blender, Microsoft Office Suite
Strengths	Communicative, Creative, Dependable, Organized, Detail-oriented

PROFESSIONAL EXPERIENCE

Aug. 2024 – Dec. 2024	Verizon – AI Studio Fellow Collaborating as a team in developing a machine learning model for a study based on unstructured data, leveraging tactics such as data cleaning, parameter tuning, and data scraping, and tools such as Python's pandas, scikit-learn, spaCy, and transformers
2016 – Present	Entrepreneurship – Business Manager Established relationships with local communities to promote entrepreneurship, and exchanged business across the United States and 6 other countries. Held art booths to advertise and promote services and managed finances and supplies

EDUCATION — COMPUTER SCIENCE, B.S.

Expected graduation spring 2026

Aug. 2022 – May 2023	Southern Adventist University – Collegedale, TN Relevant Coursework: <i>Essence of Computing, Fundamentals of Programming, Public Speaking, Statistics</i>
Aug. 2023 – Present	Virginia Commonwealth University – Richmond, VA Relevant Coursework: <i>Computing & Data Ethics, Computer Systems, Computer Organization, Data Structure & Object-Oriented Programming, Introduction to Discrete Structures, Introduction to Theory of Computation, Fundamentals of Software Engineering, Calculus with Analytic Geometry</i>
May 2024 – Aug. 2024	Cornell University – Online Machine Learning Course Certification Relevant Coursework: <i>Data Structures, Exploratory Data Analysis, Dataset Building, Training Regression Models, Natural Language Modeling</i>

PROJECTS

- Designed a **machine-learning model** that predicts suitable dog breeds for novice owners utilizing Python libraries such as NumPy, Scikit-Learn, Pandas, and Matplotlib. Using a dataset of about 400 samples, I optimized my model's performance by handling 3 missing data points, engineering 24 select features through careful inspection, and performing hyperparameter tuning with the adjustment of aspects such as sample quantities and depths. After thoroughly comparing 4 different model types, I raised the accuracy score by approximately 56% and determined my Random Forest model as the most efficient in generalization github.com/cbekk/My-Projects/blob/main/DefineAndSolveMLProblem.ipynb
- Created an LC3 program which calculates the sum of all odd or even numbers depending on user input using assembly language
- Developed an employee **database application** with a menu-driven interface in terminal, leveraging command line operations and C programming. The data is loaded from a file, then the user has the options to sort, display, search, and delete employee records. The edited file can be saved into a new one
- Built a **shell program** using C programming that implements built-in and non-built-in commands
- Achieved certification from the **FBI's Cyber Collegiate Academy**, gaining valuable experience and insight into international hacking, cybersecurity defense and research, and the utilization of technology in apprehending cyber criminals
- Developed a program using Java programming that parses two input files— an AVL tree containing keywords is made from the first, and the second is examined for invalid identifiers by traversing the keyword tree
- Created a generic stack using Java programming that parses a webpage and determines whether the tags are balanced
- Collaborated as a group to create an interactive storytelling application with dynamically changing endings utilizing creative and technical aspects cnardi.itch.io/your-prison-escape
- Created a turn-based graphical tic-tac-toe program with Java programming that tracks dual-user input and triggers victory/draw conditions github.com/cbekk/My-Projects/blob/main/tictactoe.jar
- Created a portfolio website utilizing HTML, CSS, and JavaScript programming cbekk.github.io

LEADERSHIP

- **Led a team** of 5 members in a PBE competition, making it to the final level and placing in first among national and international teams
- Actively engaged in the **Women in STEM** club, a community-focused association dedicated to supporting women in their STEM careers by organizing networking events, conducting collaborative activities, and hosting inspiring speakers
- Selected from 3000+ applicants for Break Through Tech AI, a year-long fellowship program designed to support women and other underrepresented people in AI, ML, and Data Science
- Contributed towards a 12-month long program including a **Machine Learning Certificate** with Cornell faculty, experiential learning experiences, and mentorship from industry professionals

ACHIEVEMENTS

High School

- Honor Roll – 2020 - 2021
- National Society of Scholars
- Overall GPA: 4.08/4.00 (*weighted*)

Southern Adventist University

- Dean's List – 2022 - 2023
- Overall GPA: 4.00/4.00

Virginia Commonwealth University

- Dean's List – 2023 - 2024
- Overall GPA: 4.00/4.00