

Matthew Phillips

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EDUCATION

University of Maryland

Bachelor of Science in Computer Science, Minor in Mathematics

College Park, MD

Aug. 2019 – May 2023

EXPERIENCE

Intern

Feb. 2025 – Current

Revature

Remote

- Completed Revature's backend Java web development training program before full-time employment
- Developed a social media blog REST API backend using the Spring Web framework to manage users and message posts with a Spring Data JPA repository
- Developed skills and completed projects with Java, SQL, Spring Framework, JDBC, Javalin to create functional REST APIs

Freelance LLM Evaluator

Jul. 2024 – Current

DataAnnotation Tech

Remote

- Evaluate various Large Language Models (LLM) performance on different tasks
- Analyze LLM performance for writing code, mathematical and logical reasoning, scientific writing, instruction following and correctness
- Test model integration with APIs and external databases

Bookkeeper

Jan. 2024 – Jul. 2024

Vision Investors

Ocean City, MD

- Performed bookkeeping and accounting tasks at a real estate investment firm
- Used QuickBooks and Microsoft Excel to manage billing, invoicing, record-keeping, and preparing tax forms
- Acted as a customer-facing representative for client services
- Gained experience in common practices in accounting, lending, auditing, and small business practices

Research Intern

Sep. 2023 - Dec. 2023

Blue Horizon Energy Consulting Services

Cape Town, South Africa

- Worked under a professional consultant specializing in South Africa's energy market
- Researched and prepared summaries on the development of climate finance for several countries, identifying key institutions and policies forming the financial pathways of international and domestic investment for renewable energy transitions in South Africa, Nigeria, Egypt, and Senegal
- Prepared insights and case studies on policy and regulatory frameworks guiding renewable energy development, grid connection, and public infrastructure
- Gained experience with the consulting profession in a unique multicultural environment, becoming familiar with project workflows and client relationships, and developing a broader understanding of the work being done by governments, businesses, and NGOs to advance energy, economic, climate, and other Sustainable Development Goals in developing countries

Computer Science Tutor

Aug. 2021 – May 2023

University of Maryland

College Park, MD

- Provided one-on-one and group tutoring for historically difficult courses in the undergraduate computer science department
- Subjects included object-oriented programming languages, discrete mathematics, functional programming, algorithm design and analysis, using Java, Ruby, Rust, and OCaml
- Developed ongoing relationships with students to help them succeed in the classroom and gain confidence in their coding and problem-solving capabilities

PROJECTS

CodeScanner | *Typescript, React Native, Expo*

Mar. 2025

- Created a React Native mobile application that scans product barcodes to retrieve information about the product brand, emphasizing corporate transparency, environmental and human rights abuses
- Demonstrates an understanding of React Native components, Expo Router for navigation, API linking, and common React conventions

Clinical Note Classifier | *Python, PyTorch*

March - May 2023

- Worked with a team of three others to analyze the effectiveness of multiple transformer-based natural language models to categorize unstructured clinical patient notes by specialization
- Fine-tuned pre-trained BERT, BioBERT, RoBERTa, ELECTRA transformer models and an ensemble method to analyze their performance on the same task
- Used multiple techniques to clean, process, and augment unstructured, natural language clinical patient notes

TECHNICAL SKILLS

Programming Languages: Javascript, Typescript, Java, Python

Frameworks & Libraries: React, React Native, Spring, PyTorch

Database Tools: SQL, Spring Data, JDBC, pandas