Christopher Yue

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EDUCATION

Towson University   **Towson, Maryland**
B.S. in Computer Science   *May 2024*
- o **Concentrations:** Software Engineering

EXPERIENCE

Peaktew   **Columbia, South Carolina**
Developer   *Nov 2023 – present*
- Developed REST API for an award-winning mobile application that secured $2,500 in a competition
- Enhance application security by implementing authentication mechanisms
- Deploy and manage server infrastructure, databases, and image storage for high availability and performance

Towson University CIS Department   **Towson, Maryland**
Research Assistant   *Jan 2023 – Apr 2023*
- Researched and analyzed deep learning methodologies for IoT applications by studying academic papers and industry best practices
- Explored and implemented deep learning models using Python and TensorFlow to analyze unlabeled data from IoT devices
- Gained practical experience in applying deep learning techniques to real-world IoT data, enhancing understanding of model selection and implementation

PROJECTS

MojoMut   **Towson, Maryland**
Developer   *Jan 2024 – May 2024*
- Utilized Python to parse Mojo code and generate arithmetic, boolean, conditional, unary, and integer mutants within the code
- Developed unit tests for Mojo code using mojo-pytest

Pneumonia Detector   **Towson, Maryland**
Developer   *Jan 2024 – May 2024*
- Utilized Python and Tensorflow to recreate, train, and test a machine learning model designed to detect pneumonia in chest x-ray images
- Analyzed results of testing machine learning model with unseen data

SKILLS

Languages: Java, JavaScript, TypeScript, Golang, Python, C, C++, Kotlin
Technologies: Git, Docker, React.js, React Native, Three.js, Spring Boot, HTML, CSS, GCS, AWS, VS Code, IntelliJ, Eclipse, Android Studio, Jira
Databases: SQL (PostgreSQL, Oracle, SQLite), NoSQL (MongoDB)