Christopher Yue

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EDUCATION

Towson University   **Towson, Maryland**
B.S. in Computer Science   *May 2024*
- o **Concentrations:** Software Engineering
- o **GPA:** 3.45/4.00
- o **Related Coursework:** Data Structures & Algorithms, Software Quality Assurance & Testing , Artificial Intelligence, Object-Oriented Design & Programming, Programming Language Design & Implementation, Statistics

EXPERIENCE

Towson University CIS Department   **Towson, Maryland**
Research Assistant   *Jan 2023 – Apr 2023*
- Utilized Python and Tensorflow to train deep learning models on unlabeled data from IoT devices
- Compared the performance of varying deep learning models on unlabeled IoT data from varying devices

PROJECTS

Peaktew   **Columbia, South Carolina**
Backend Team Lead   *Nov 2023 – present*
- Designed and implemented database utilizing PostgreSQL
- Developed REST API endpoints for authentication, data validation, and data storage utilizing Golang
- Deployed server and database using Google Cloud Services

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

Programming: Java, Python, Golang, JavaScript, TypeScript, HTML/CSS, SQL, NoSQL, Node.js, React.js, C++, C, Kotlin (Android), Mojo

Tools: Android Studio, IntelliJ, PyCharm, Eclipse, VS Code, GCS, Git, Spring Boot, Jira, Docker