
SKILLS

C, C++, Java, HTML, CCS, Go, JavaScript, Python.
Flask, Node.js, Express, React, Gin.
MySQL, NoSQL, PostgreSQL, Git
Pytorch, TensorFlow, Scikit-learn.

EDUCATION

Stevens Institute of Technology	Sep 2021 – Dec 2023
<i>Master of Science in Computer Science</i>	3.85 / 4.0 GPA
Bishop's University	Sep 2019 – May 2021
<i>Bachelor of Science in Computer Science</i>	3.5 / 4.0 GPA

EXPERIENCE

<i>Software Engineer</i>	WISDM, China	May 2021 - Dec 2021
<ul style="list-style-type: none">Designed and implemented a real time purchase automation system based on Golang.Architected a highly multithreaded pipeline, supporting thousands of concurrent tasks.Analysed undocumented third party REST platforms, ensuring highly performant integration.		
<i>Data Science Internship</i>	Dr. Mark Vogelsberger, MIT	Dec 2020 - Mar 2021
<ul style="list-style-type: none">I learned data crawlers with Python, data processing with Scikit-learn, and data visualization with tools such as Folium, Tableau, Matplotlib, Seaborn, and Echarts in the first two months. Then, Crawled some fund data and Build machine learning models such as linear regression, logistic regression, KNN, and multilayer perceptron to predict the future trends.The final research content includes the development of deep learning, reinforcement learning, and the optimization method of deep reinforcement learning in object detection.		

PROJECTS

Face-Detection Web Application	2022
<ul style="list-style-type: none">Front end built on React, and rendered with HTML, CSS, and JS.Integrated Redis and PostgreSQL, Deployed via docker container, and Server side integration with AWS Lambdas for detection scoring.	
Build a Blog by using Gin	2022
<ul style="list-style-type: none">Build CRUD operations through RESTful API and custom GORM callback for API Parse data from MySQL.Implemmented Jwt token for authentication and encapsulate logging file.Add Swagger to create API document and deploy on docker.	

Leadership and Awards

- Leaded a small research group with Professor Mark Vogelsberger and published paper in [IEEE: A Comprehensive Review of Deep Reinforcement Learning for Object Detection.](#)
- Achieve Provost's Masters Fellowship Award at Stevens Institute of Technology.
- Achieve Academic Honor Roll in Bishop's University.