

## SKILLS

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

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## 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

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## EXPERIENCE

<i>Software Engineer</i>	WISDM, China	May 2021 - Dec 2021
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- 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
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- During the initial two months of my data scientist role, I acquired proficiency in Python-based data crawlers, data processing using Scikit-learn, and data visualization through a range of tools including Folium, Tableau, Matplotlib, Seaborn, and Echarts. Subsequently, I applied these skills to crawl and analyze financial data, constructing machine learning models such as linear regression, logistic regression, KNN, and multilayer perceptron to forecast 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
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- 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
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- Build CRUD operations through RESTful API and custom GORM callback for API Parse data from MySQL.
  - Implemented Jwt token for authentication and encapsulate logging file.
  - Add Swagger to create API document and deploy on docker.
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## Leadership and Awards

- Led 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.