

Yuri Fung

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🔗 <https://superintiald.github.io/>

🎓 EDUCATION

- Bachelor's Degree of Computer Science (BS)**, *University of Colorado Boulder* 08/2022 – 05/2025
- Coursework: Operating Systems, Algorithms, Database Systems, Data Science, Linear Algebra, Data Structures, Computer Systems, HCI, Discrete Math, Physics, Calculus (1,2,3), Critical Thinking, Astronomy, Water/Energy/Environment, Biology
 - Current GPA: 3.85
 - Spring 2024 Coursework: Software Development, Introduction to AI, Machine Learning, Principles to Programming Languages, Ethics, Technical Communication and Design, Introduction to Robotics
 - Accepted into Bachelor's Accelerated Masters Program (BAM) starting Fall 2024
 - Learned best practices for RandD when designing and launching a prototype (HCI)
 - Learned to avoid starvation and deadlocks through multithreading, semaphores, monitors, and condition variable
- Master's Degree of Computer Science (MS)**, *University of Colorado Boulder* 08/2024 – 05/2026
- Accepted into Bachelor's Accelerated Masters (BAM) Program starting Fall 2024

🧠 SKILLS

Programming Languages:

C++, C, Java, Python, Pytorch, Tensorflow, JavaScript, NodeJs, Handlebars, Assembly, Latex, Apple Script, R, SQL (NOSQL), Scala, HTML, CSS

Other:

Jupyter Notebook, Figma, Docker, Airflow, Postgres, MongoDB, AWS Bedrock, Titan, VSCODE, VMWare, Virtual Box (Oracle), RStudio, Pycharm, Adobe Photoshop, Bash, Google Oauth, Google GSI, Templating, Web Services, Bootstrap
Applications/IDE: Robotics (VEXCODE), Windows/OSX/Linux (Ubuntu), Google Suite, Microsoft Word/Excel, Google Workspace, Webot,

📁 PROJECTS

- D4D**, *Designing for the Department of Defense (DoD)* 01/2024 – present
- Collaborating with the DoD, to incorporate machine learning to projects, through the Air force, and Navy.
Air Force project: Incorporate the boomer operation through the F-15 more efficiently without the need for humans.
Navy Project: Efficiently utilize energy for UUV's. Create an extended range system without the need for personnel to refuel.
Ease the process of deployment and retrieval through ML.
- Block-Chain Stellar** present
- Create an app that utilizes block-chain stellar. Planning to securely store client data for medical purposes.
- HackCU**, *Metanoia* 03/2024 – 03/2024
- Placed 1st in UI/UX route for 24 Hour Hackathon. Metanoia is a digital time-capsule that works by allowing a user to journal thoughts on thought-provoking prompts that cycle annually, so users can observe and reflect on their changes over time.
- T9 Hackathon**, *Clothin in a can* 02/2024
- 24 Hour Hackathon. Clothin' in a Can: Designed a Sustainable, Compactable, Biodegradable Fashion Design.
- Multithreading** 10/2023 – 11/2023
- Created a multithreading program utilizing semaphores and mutexes.
- Mini Git** 12/2022
- Recreated git with Linked Lists, Stacks, Queues, and Hash Maps in C++. It functions like git, where we can git commit, git branch, git init, git add, git push, as well as git clone.
- Attack Lab** 03/2023
- Used Assembly Code to applying a total of five buffer overflow attacks on some executable files. There are three code injection attacks and two return-oriented programming attacks.
- Performance Lab** 03/2023
- Made the program approximately 100x faster through multi-threading, signal masking. Reached 4 CPE in performance. The default code's original CPE was close to 3900 - 4000 CPE.

📁 WORK EXPERIENCE

- Cashier Assistant**, *Costco* 07/2022 – present
Thornton, Colorado
- Worked a variety of roles, including Cashier Assistant, Self-checkout, Carts, Stock, Bakery, Deli, Meat, Food Court, and Gas
 - Delivered an unparalleled customer experience, affecting customers daily. Increasing customer retention and satisfaction.
- Chef/Food-Prep**, *Piripi* 06/2021 – 07/2022
Erie, Colorado
- Prepared and cooked Caribbean/Mediterranean food.
 - Be lenient and work as a food prep and other sub jobs when needed.
 - Work efficiently as a chef, and coordinate with others.

🌐 LANGUAGES

• Japanese

• English