Kevin Chong

kevin.chong147@gmail.com • 703-300-3983 • U.S. Citizen
LinkedIn: https://www.linkedin.com/in/kevin-chong-652072285/ • Github: https://github.com/kevinhc2

CAREER OBJECTIVE

Computer Science student seeking a Software Engineering or Machine Learning internship in the Summer of 2025 to utilize my problem-solving skills, relevant experience, and technical expertise.

EDUCATION & SKILLS

University of Maryland, College Park, MD
B.S. in Computer Science, President's Scholarship Recipient
Expected Graduation: May 2026
GPA: 3.93

Proficient in: Python, PyTorch, Keras, TensorFlow, Pandas, NumPy, C, C++, Java, OCaml
Familiar with: HTML5, CSS, SQL, Javascript, Selenium, UNIX
Relevant Coursework: Data Structures, Algorithms, Discrete Mathematics, Organization of Programming Languages, Computer Systems, Data Science, Statistics & Probability, Artificial Intelligence, Computer Vision, Mobile and Web App Development, Machine Learning, and Micro Robotics Systems.

WORK EXPERIENCE

Visalaw.Ai, Nashville, TN (Remote)
Software Engineering/Data Science Intern (Summer 2024)

- Compiled online legal data using Selenium framework and API calls. Created Python scripts that reduced data-entry and cleaning tasks from days to minutes.
- Contributed to a data pipeline that stored immigration law data in vector database used to train large language model. Increased the accuracy and knowledge of the chatbot in several legal subjects.

Fairfax Collegiate, Fairfax, VA
Head Teacher's Assistant (Summer 2022), *Instructor* (Summer 2023)

- Taught various STEM classes including Introductory Drone Flying, Aerospace Engineering, Vehicle Engineering, and 3D Printing to 5^{th} -12^{th} grade students. Developed programming curriculum.

Rise Social Group, Fairfax, VA
Volunteer Instructor (2020-2023)

- Programming tutor for kids on the autism spectrum ages 14-18. Assisted students in designing games on Scratch.

PROJECTS

GDP Growth Predictor (Fall 2023)**:**

- Used World Bank "World Development Indicators" dataset
- Performed data preprocessing to remove problematic entries then normalization
- Determined relevant features of data through attribute selection algorithms
- Split data into train/test then fed it to several classification models to achieve ~85% accuracy

Autonomous Drone (Spring 2023), advised by Dr. Selma Yilmaz:

- Used OpenCV and YOLO to recognize different subjects of interest in drone's camera feed
- Coded a Python script that allowed drone to focus on a single target and follow it
- Applied Kalman Filter to predict path of target