

Pakon Pongpeauk

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Objective

Computer science major with a concentration in software engineering. Seeking a software engineering internship for May – August 2023.

Education

George Mason University, Fairfax, Virginia

August 2022 – Present

Bachelor of Science in Computer Science

Expected Graduation: May 2026

Experience

Johns Hopkins University Applied Physics Laboratory - Laurel, Maryland

June 2021 – April 2022

Nation's largest research center for universities assisting the U.S. government in the development of technology and national priorities.

ASPIRE High School Intern, Space Exploration Sector

- Written and researched artificial intelligence systems utilizing weather satellite data to predict disease outbreaks ahead of time.
- Trained AI model with TensorFlow machine learning platform using Python.

Projects

Job Sleuth | JavaScript, Python

January 2023

- Developed an application that finds common certifications as well as required and preferred qualifications for job listings found under search queries on the LinkedIn social platform.
- Designed and built front-end with React.js and custom CSS.
- Use of Selenium, Django, and Requests library as well as API endpoints that were gathered via network debugging tools.

Eveeventual | JavaScript

August 2022

- Developed an RSVP web application that allows users to reserve limited spots for events.
- Designed and built front-end with React.js and custom CSS.
- Use of Firebase app development platform.

XCS | JavaScript, Python

August 2021

- Developed a web application to manage simulated access control points, depicting those commonly found in office buildings.
- Designed and developed REST API endpoints using the FastAPI framework.
- Front-end built with Electron, React.js, and custom CSS.
- Use of Firebase app development platform.

Skills

Languages: Python, C++, Java, JavaScript, HTML, CSS, Lua, Bash

Frameworks: PyTorch, TensorFlow, Numpy, OpenCV, React, React Native, Bootstrap, Django, Flask, Express

Tools : Git, Docker, Firebase, Heroku, Jupyter, Linux, Postman

Hardware: Raspberry Pi, Arduino

Activities

• **Yorktown High School STEM Club – Co-Founder**

September 2020 – May 2022

- Discussed and designed technological solutions to address problems faced in the real world (e.g., neural-network-powered mobile applications to assist natural disaster victims)