

Tom Kuriakose

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EDUCATION

The University of Connecticut | Storrs, CT

May 2025

B.S. in Computer Science, Minor in Biology | GPA: 3.6/4.0

HuskyTHON Captain, Phi Delta Theta Bylaws Chairman, Association for Computing Machinery, KINS Research Assistant

PROFESSIONAL EXPERIENCE

Facilities IT Employee | University of Connecticut

May 2023 - Present

- Facilitated equipment assembly, including laptops, and provided technical support involving software issues.
- Managed the distribution and disposal of technology assets throughout the campus.
- Promptly addressed and resolved work orders, minimizing downtime and optimizing productivity.

Software Contracting | Freelance

July 2023 - Present

- Designed fullstack websites for local businesses, combining personal expertise with client specifications in order to create functional websites that empower businesses and allow them to reach customers online.
- Utilized technologies such as HTML, CSS, JS and React.js to create smooth and efficient user-interfaces as well as several APIs and database technologies such as MongoDB in order to store and retrieve data.
- Leveraged previous experience in order to successfully conduct SEO optimization.

PROJECTS

Insider Trading Tracker

- Developing an ongoing Insider Trading Tracker platform, designed to identify irregular trading activities indicative of insider trading.
- Leverages Machine Learning techniques including but not limited to anomaly detection, pattern recognition, etc.
- Uses unsupervised and supervised learning techniques for pattern recognition.
- Utilizes skills including Nextjs, Node, Express, Typescript, CSS, and Puppeteer.

Voice Recognition Hangman Application

- A Hangman Application utilizing Python and Voice Recognition API in order to take vocal input and add accessibility to the application.
- Developed using the pygame library as well as pocketsphinx and showcases proficiency in backend logic and algorithmic problem-solving.

One Product Store E-commerce Site

- Developed an E-commerce store using the winning one product store strategy, emphasizing a brand identity around a singular product in order to maximize attention and thus conversions for a niche product.
- Designed a seamless UI/UX interface with the primary goals of minimizing distractions and maximizing sales conversions.
- Demonstrated real-world functionalities including registering and managing user accounts on the platform as well as conducting secure and encrypted transactions.
- Utilized skills including JavaScript, Django, and HTML.

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, JavaScript, SQL, CSS, HTML

Technologies/Frameworks: Linux, Unix, Github, Chromium, MongoDB, Django, Flask, React, Node.js

CERTIFICATIONS

Harvard CS50 (edX), Biomedical Research (CITI Program), Social/Behavioral Research (CITI Program)