

## EDUCATION

### Langham Creek High School

Houston, TX

2024 – Present

## TECHNICAL SKILLS

### Languages

JavaScript, TypeScript, Python, Java, HTML, CSS

### Frameworks & Tools

React, Tauri, Node.js, Flask, Git/GitHub, Docker

### Data & Visualization

Pandas, Matplotlib

## EXTRACURRICULAR

### Computer Science Club

Langham Creek High School, 2025 – Present

### FBLA - Intro to Programming

Placed at Area; competed at State

## HONORS & AWARDS

- IT Specialist Certification – HTML & CSS
- AP Computer Science A – Score: 4

## SKILLS

- Problem-solving & logical thinking
- Attention to detail
- Works independently and collaboratively
- Quick learner, eager to grow in CS

# IAIN FOX

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## OBJECTIVE

Motivated high school student and self-taught developer with hands-on experience in JavaScript, Python, and full-stack development. Seeking a computer science internship to apply and grow programming skills on real-world software projects.

## EXPERIENCE

### Intern - Espresso Moon LLC *June 2026 – Present | Houston, TX (On-site)*

- Supporting day-to-day operations as an on-site intern, developing workplace and professional skills in a small business environment.

## TECHNICAL PROJECTS

### jsGame | [GitHub](#) *(JavaScript)*

- Built a JavaScript library that recreates core Pygame functionality for the browser, including canvas rendering, shape drawing (rect, circle, polygon, line, ellipse, arc), and keyboard/mouse input handling.
- Implemented an event queue system mirroring Pygame's event.get/poll/peek/clear API to support real-time interactive applications.

### plotAssist | [GitHub](#) *(Python · Matplotlib · Pandas · Tkinter)*

- Developed a desktop tool (Tkinter GUI) that lets users quickly generate Matplotlib graphs from a Pandas DataFrame without writing plotting code.

### Personal Portfolio Site | [GitHub](#) *(HTML/CSS)*

- Designed and deployed a personal portfolio site hosted via Cloudflare Pages at [iainfox.dev](https://iainfox.dev).

### Deadlock Flask API (In Progress) *(Python · Flask)*

- Currently building a Flask-based API around data from Valve's game Deadlock as a personal backend-development project.

### Command-Line Web Scraper *(Python · Requests-HTML)*

- Developed a command-line web scraper in Python using the Requests-HTML library to extract and process data.