# OnlyPogs Sr. Developer

## Description

OnlyPogs is the premiere guide on all things pogs, and only pogs. This web-based application provides information to collectors and students about the Pog system in detail, including a pog directory, a list of ways to earn and spend pogs, and a pog trading post. Integrates with Formbar.js to allow teachers and users to edit their data.

## Required Skills

### Front-End

* Proficiency with HTML and CSS
* Proficiency with EJS and client-side ES6 Javascript

### Back-End

* Proficiency with Developer APIs
* Practical Understanding of client-side OAuth2 usage
* Proficiency with SQLite3 databases
* Proficiency with nodeJS with ExpressJS

### General

* Proficiency with GitHub
* Proficiency with KanBan boards
* Team Collaboration Skills
* External Collaboration Skills (working with other companies)
* Proficiency in writing Technical Documentation

# PokéPucks Online Sr. Developer

## Description

PokéPucks is the real-life game of Pokémon Pogs. This position will work towards creating a browser-based version of the game that will draw its values from the official PokéPucks rules dataset. It will also integrate with Formbar.js to track player progress and facilitate pog rewards.

## Required Skills

### Front-End

* Proficiency with HTML and CSS
* Proficiency with EJS and client-side ES6 Javascript
* Familiarity with HTML Canvas or a browser-based game engine

### Back-End

* Proficiency with Developer APIs
* Practical Understanding of client-side OAuth2 usage
* Proficiency with SQLite3 databases
* Proficiency with nodeJS with ExpressJS

### General

* *Self-Study Skills*
* Proficiency with GitHub
* Proficiency with KanBan boards
* Team Collaboration Skills
* External Collaboration Skills (working with other companies)
* Proficiency in writing Technical Documentation

# RoboDog Sr. Developer

## Description

RoboDog takes on the challenge of collecting, parsing and utilizing documentation for the Unitree robots and other robots in the classroom. The primary purpose is to blaze a trail, discover the possibilities of our robots, and leave great guides for future students to develop them in the future.

## Required Skills

*\*Please note that if you do not possess the required Technical Skills, it is expected that you develop them as part of the position’s duties.*

### Technical Skills

* Arduino, including Serial UART, SPI, and I2C
* Raspberry Pi usage
* Navigating and using Linux, especially Debian
* Python Development

### General

* ***Self-Study Skills***
* ***Proficiency in writing Technical Documentation***
* Proficiency with GitHub
* Proficiency with Microsoft Teams
* Team Collaboration Skills

# Formbar.js Sr. Developer

## Description

Formbar.js is the flagship web-based application of York Tech Computer Programming & Interactive Media. Primarily a class management tool for teachers to use in their classrooms, it also handles authentication for other web-based applications in Ytech Programming. It also allows for students to develop their own 3rd party plugins.

Formbar.js only accepts the most qualified individuals on its development team.

## Required Skills

### Front-End

* Proficiency with HTML and CSS
* Proficiency with EJS and client-side ES6 Javascript

### Back-End

* Proficiency with Developer APIs
* Practical Understanding of client-side OAuth2 usage
* Proficiency with SQLite3 databases
* Proficiency with nodeJS with ExpressJS

### General

* Proficiency with GitHub
* Proficiency with KanBan boards
* Team Collaboration Skills
* External Collaboration Skills (working with other companies)
* Proficiency in writing Technical Documentation

# IRLTech Sr. Developer

## Description

IRLTech specializes in the hardware that interfaces our real lives with our software. This includes primarily developing NFC technologies, but can include barcode scanners and other devices that can collect information from our physical world to interaction with existing software.

## Required Skills

*\*Please note that if you do not possess the required Technical Skills, it is expected that you develop them as part of the position’s duties.*

### Technical Skills

* Arduino, including Serial UART, SPI, and I2C
* Raspberry Pi usage
* Python, Javascript, or C++ Development

### General

* ***Self-Study Skills***
* Proficiency in writing Technical Documentation
* Proficiency with GitHub
* Proficiency with KanBan
* Team Collaboration Skills
* External Collaboration Skills (working with other companies)