RPG Maker Development

## Get Through School Developer

Get Through School is a concept game that provides a “digital classroom” for 9th graders. Students will be able to log into their Formbar account, receive instructions, follow a path of learning, and link to Schoology assignments. As the students progress, teacher can remotely unlock parts of their game using a control panel.

Potential applicants should have experience with or a willingness to self-teach the following:

* RPG Maker and RPG Maker Plugins API
* Formbar API, including HTTP and Websockets

## 9th Grade Challenges Developer

Challenges Developer will be responsible for creating challenges for the 9th grade class. Each challenge is a single sheet with specific criteria, including detailed descriptions, required data, flow charts to complete, and testing parameters. Challenges will be compiled into a book to be printed in the future.

Challenges Developer will be working with the Get Through School Developer to incorporate challenges into the game.

Potential applicants should have experience with or a willingness to self-teach the following:

* Microsoft Word
* Microsoft Visio
* RPG Maker Event Editing
* Strong Algorithm/Flow Chart skills

## Get To School QA Tester

Quality Assurance Testers double check the developer’s work and test new features for possible bugs.

Potential applicants should have experience with or a willingness to self-teach the following:

* Strong Familiarity with RPG Maker MZ
* Communication Skills to document bugs in detail
* Ability to “think outside the box” to find new bugs

PollPin

PollPin is a Formbar App that allows a Teacher to “pin” a poll to a page for their classroom. Students may continue to vote on the poll after it has ended.

## Senior Developer

The Senior Developer is in charge of planning and organizing the project. This includes managing Github Projects and Issues, Pull Requests, merge conflicts, and assigning work to developers.

Potential applicants should have experience with or a willingness to self-teach the following:

* Project Management by Github
* Formbar Oauth
* Formbar polls and websocket API
* Websockets
* HTTP API calls
* SQL Databases
* Web application UI development

## Junior Developer

The Junior Developer works at the Senior Developer’s direction. They are responsible for completing assigned Issues.

Potential applicants should have experience with or a willingness to self-teach the following:

* Working with a team on Github
* Formbar Oauth
* Formbar polls and websocket API
* Websockets
* HTTP API calls
* SQL Databases
* Web application UI development

QuizQueue

QuizQueue is a Formbar App that queues a series of questions to be answered via the Formbar polling system. QuizQueue can generate questions from QuizBank, or from a list provided by the teacher.

## Senior Developer

The Senior Developer is in charge of planning and organizing the project. This includes managing Github Projects and Issues, Pull Requests, merge conflicts, and assigning work to developers.

Potential applicants should have experience with or a willingness to self-teach the following:

* Project Management by Github
* Formbar Oauth
* Formbar polls and websocket API
* Websockets
* HTTP API calls
* SQL Databases
* Web application UI development

## Junior Developer

The Junior Developer works at the Senior Developer’s direction. They are responsible for completing assigned Issues.

Potential applicants should have experience with or a willingness to self-teach the following:

* Working with a team on Github
* Formbar Oauth
* Formbar polls and websocket API
* Websockets
* HTTP API calls
* SQL Databases
* Web application UI development

Konspiracy

Konspiracy is a Kahoots clone. It will behave identically to Kahoots, except it uses Formbar Login and draws questions from Quizbank.

## Senior Developer

The Senior Developer is in charge of planning and organizing the project. This includes managing Github Projects and Issues, Pull Requests, merge conflicts, and assigning work to developers.

Potential applicants should have experience with or a willingness to self-teach the following:

* Project Management by Github
* Formbar Oauth
* Formbar polls and websocket API
* Websockets
* HTTP API calls
* SQL Databases
* Web application UI development

## Junior Developer

The Junior Developer works at the Senior Developer’s direction. They are responsible for completing assigned Issues.

Potential applicants should have experience with or a willingness to self-teach the following:

* Working with a team on Github
* Formbar Oauth
* Formbar polls and websocket API
* Websockets
* HTTP API calls
* SQL Databases
* Web application UI development

Applying for a Position

* Note that “Senior” and “Junior” do not refer to your grade level, but the position title.
* Create a resume, portfolio, and cover letter
* Email them to [csmith@ytech.edu](mailto:csmith@ytech.edu)
  + You may use your email as your cover letter
  + Be specific about which position(s) you are applying for, why you want them, and why you are qualified for them.
* Unserious or humorous applications will not be considered
* The same way your boss does not pay you to fill out applications for other jobs, applying for this job should be done on your own time.