# PROGRAMMING DEPARTMENT
Web Developer Application

Thank you for showing interest in becoming part of the Toontown Team! Before you start filling out this application, there are a few things you should know:

1. **Toontown Rewritten is a volunteer effort.** No income or salary is provided as compensation for anyone's involvement.

2. **Web Developers will need to work with both user-facing and internal services.** In addition to our main website, Web Developers will also need to work with a variety of internal services.

3. **Our web services are written in several different languages.** While HTML, CSS and JavaScript form the base layout, design and functionality of websites, some of our backend systems are written in Java, PHP, and Python. Some of our services are MPAs (Multi-Page Application) while others are SPAs (Single-Page Application).

4. **We enforce professional programming standards.** Since you won't be the only one managing the code, you will be asked to keep your work clean and understandable. You may be asked to make multiple revisions to your code before it is accepted.

## ABOUT THE ROLE

As a Web Developer for Toontown Rewritten, you will be working with our main website and several internal services to create tools that can be used by our moderators, developers, and support agents to manage the game from a web interface. These tools must be secure and easy to use, and preferably pleasing to the eye.

We are searching for web developers who are up-to-date on the latest standards for programming and security, as well as have the creative flair for front end work when necessary.

## POSITION REQUIREMENTS

- Must be at least 16 years of age.
- Must have a Toontown Rewritten account that is at least six months old.
- Firm understanding of fundamental programming concepts.
- Must be the primary owner of the computer used for sharing confidential files.

- Ability to go from a mockup to an accurate completed design in a timely manner.
- Familiarity with modern web protocols, standards and security practices.

To submit your application, please copy the questions below into an email (and answer them, of course!) then send your email to support@toontownrewritten.com. After we receive your email, we'll follow up within a few days and will file away your information until the position is open for recruitment.

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# OUR TECHNICAL STACK

Here are the languages and libraries we use at Toontown Rewritten. While we don't expect you to know all of them (technologies can be learned), familiarity with at least some of them is a plus. We also welcome applications who specialize in front-end / back-end development or general full-stack development.

## Front-End Stack

- HTML5 / CSS3; knowledge of SCSS and/or PostCSS a plus
- Foundation 6; knowledge of other web layout frameworks a plus
- JavaScript (ES6); knowledge of Node.js a plus
- jQuery / Backbone.js; experience in a Single-Page Application framework such as Angular, React or Vue.js a big plus
- Modern web development tools such as npm / yarn, Webpack and Babel
- REST API; knowledge of GraphQL a plus
- Knowledge of responsive web design and mobile-first design a big plus

## Back-End Stack

- Python / Java
- Django / Play Framework; experience in other MVC frameworks and Python's aiohttp module is a plus
- MySQL / MongoDB
- REST API / JSON-RPC; knowledge of GraphQL a plus
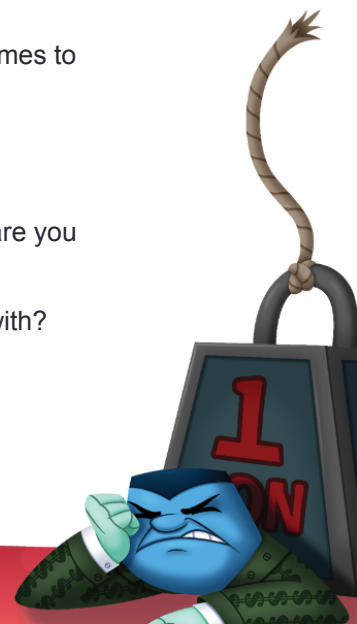- Linux administration skills and knowledge of Docker/Kubernetes a plus

## ABOUT YOU

- What is your full first and last name, preferred name, and preferred pronouns?
- What is your date of birth?
- What language(s) do you speak fluently?
- Do you have a Discord account? If so, what is your username?
- Can you tell us a bit about yourself?
- Can you tell us about your experiences working in a team environment? What did you learn from your experience(s), and what values do you believe are most essential to effective teamwork?
- Why do you want to be a Web Developer?
- What do you think you can bring to the table as a Web Developer?

## TOONTOWN

- Please list all of your Toontown Rewritten account username(s).
- Do you have any previous infractions (warnings, suspensions, terminations, loss of ability to use SpeedChat+ or submit names) on any of your accounts? If so, what are they?
- How often do you play Toontown Rewritten?
- Are you an active member of any Toontown-related websites or communities outside of the game? If so, where can we find you? Direct links to your profiles would be great!
- How did you hear about Toontown Rewritten hiring?
- Are there any other positions you are interested in other than the one you have applied for? If so, list all that apply.

## TECHNICAL EXPERIENCE

- Do you consider yourself a front-end developer, back-end developer, or both?
- What does your previous experience with Web Development entail? Please elaborate with as much detail as possible.
- Would you consider yourself as a beginner, intermediate, or as an expert when it comes to programming experience?
- Do you have any experience with Python and/or Java?
- Have you worked with Django or Play Framework before?
- Do you have experience creating Single-Page Applications? If so, what framework are you familiar with? (e.g. Angular, React, etc)
- Are there any other programming languages or technologies you have experience with?
- Are you familiar with Git (or any other version control systems)?

- Are you familiar with modern web development tools such as Webpack and Babel?
- In the future, what area of web development do you wish to focus on (e.g. front-end, back-end, etc)?
- Do you have a portfolio website / GitHub or any other place where we can see your previous projects? We would be glad to see any of your previous work!

## AVAILABILITY

- What timezone are you in?
- When are you usually available on your computer?
- How much time can you commit to your job as a Web Developer per week?

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Thank you for taking the time to apply for Toontown Rewritten!

## You *ARE* Toon Enough!