Melody Templeton
Software Developer

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Key Qualifications

Creative and logical thinker with sincere enthusiasm for coding. Quick learner with strong problem-solving skills. Experienced consultant combining people skills with technical knowledge. Skilled at getting clients to recognize their own core needs.

Software Projects

Capstone Project: Fur Baby Finder *FurBabyFinder.site*

- Web software for animal adoption agencies – code provided free to agencies as open source project
- Built with Java, Spring, Thymeleaf, JavaScript, jQuery, CSS and Bootstrap on Tomcat/Mavin server
- Includes MySQL tables for Users, Roles, Events, Animals, Animal Images, and Animal Filters which allow users to add and edit records and to search on records using robust search options
- Uses Ajax calls to animal database to dynamically create search selections so only species and breeds currently available at the agency will display as a search option for visitors to the site
- Implements Filestack's File Picker API for uploading and transforming images

Melody Rox:

- Full-stack web app to buy and sell items (much like Craigslist)
- MySQL tables handled by models, views and controllers built with vanilla Java
- Front end uses JavaScript, jQuery, CSS, and Bootstrap

Edsplorers.com:

- Full-stack website with PHP on backend and MySQL database that allows users to save and view educational resources
- Site also features user forums using open source PHPBB forum software

Tic Tac Toe AI:

- JavaScript animations "flip" tiles to X or O
- Math values assigned to each play and passed to 2D array to track status of board so "AI" auto-play feature knows what to play and never loses
- "AI" feature can play X or O

Konami Code App:

- 36 GIFs in 12 divs create a display of random fireworks animations running at separate intervals
- JavaScript functions (that select and display GIFs) use binding and pass arrays of parameters to use minimal code to run it all

Professional Experience

Reynolds & Reynolds (Formerly Universal Computer Systems – UCS) – 12 years

- Saved a $1 million+ account leveraging software expertise and people skills to turn around unhappy client
- Received two awards for exceptional design submissions for improvements to software applications
- Facilitated improved usage in implementation of software by clients

Languages/Frameworks/Libraries

- React
- JavaScript
- jQuery
- CSS
- BOOTSTRAP
- Java
- Spring
- Apache Tomcat
- Git/Github
- MySQL

Education

Codeup – an immersive, full-stack career accelerator that provides students with 536+ hours of expert instruction in software development.

BA in English & Communications, Western Michigan University, Kalamazoo, MI, GPA 3.5.