WILL FARRELL
SOFTWARE DEVELOPER

Tireless learner, prepared to hit the ground running and contribute as a developer on day one. Hungry for new skills, I look forward to diving into the logic and processes of a new company. As a former educator turned programmer, I possess the language and interpersonal skills to break down and communicate complex technology solutions to tech and non-tech minded people alike.

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SKILLS

SOFTWARE	Ruby 2.3.1, JavaScript, Rails 5.0, AJAX, JQuery, STATA, HTML, CSS, Database Management, HTML, Python, SQL, Java, VIM
WORKFLOW	Agile Workflow, Git Workflow, Pair-Programming, Chrome Dev Tools, RESTful APIs, Model View Controller (MVC)
TESTING	Test Driven Development (TDD), Jasmine, Rspec, Travis CI, Capybara

PROJECTS

Raspberry Drive
Nov 2016 to Nov 2016
Developed an autonomous remote controlled car that could successfully navigate a track with turns. Written entirely in Python. Used image recognition software, Python class structure, and asynchronous communication with Python threads. Completed using Git and Agile workflow. Repo: https://github.com/farrellw/RaspberryDrive

Sandbox
Oct 2016 to Oct 2016
Developed a wikipedia-like resource for children. Contributions to team included sole responsibility for RSPEC testing (95.3% coverage), all user authentication and authorization, schema design, and Git workflow. Written in Rails 5, done using Git and Agile workflow. Repo: https://github.com/farrellw/sandbox

Geography Game
Oct 2016 to Oct 2016
Incorporated Google Maps API in a guessing game framework. Project shows proficiencies in Google Maps API, JavaScript front-end, and Ruby server side. Written using Ruby in a Sinatra framework. Repo: https://github.com/farrellw/geo-game

One-stop
Oct 2016 to Oct 2016
Worked with Spotify, Instagram, and Open Weather APIs. One-page app uses JavaScript and Ajax calls on the front end to upload the page without refreshing. Ruby on the server side sends HTTP requests to APIs, the results of which are uploaded using JavaScript. Written in Rails 5 using Git workflow. Repo: https://github.com/farrellw

EDUCATION

Dev Bootcamp
Certificate Coding Bootcamp 2016
Full-Stack Web Development School

Louisiana State University
Master's Educational Leadership 2016

Creighton University
Bachelor's Political Science 2012

EXPERIENCE

Contract Consultant - MidWest Machine
Chicago, IL
Software Developer · Nov 2016 to Current
- Build Google App Script API calls to an internet hosted database.
- Manipulating JSON objects to format for printing.
- Build an easy to understand interface that saves the employees 10 minutes for every order(Approx. 1.8hrs company time saved per day).

Dev Bootcamp
Chicago, IL
Full-Stack Web Developer Student · Jul 2016 to Nov 2016
- Full-stack programming in a life-changing environment; working 11 hour days for six days a week.
- Developed a repeatable process for learning new software proficiencies quickly and working effectively on project teams.
- Worked with JavaScript, Python, and Ruby frameworks.
- Develop Git and Agile Workflow aligned habits through team projects and pair-programming.
- Prepared to contribute to a team as a developer on day one.

THRIVE Academy
Baton Rouge, LA
Special Education Coordinator / Athletic Director · Jul 2014 to Jul 2016
Special Education Coordinator
- Significantly increased students' reading, math, and social skills by 1.8 grade levels per year.
- Executed professional development and data-driven instruction for 15 teachers and administrators.
- Special education students outscored their regular education counterparts for the first time in school history.
Athletic Director
- Managed an athletic budget of $25,000 between eight different sports and activities.
- Directed a staff of 16 coaches, issued staff contracts, developed hiring/dismissal protocols, provided continuing education, maintained relationships with district/state sports organizations, and oversaw fundraising efforts.
- Founded THRIVE's first high school and middle school sports program, which led to a 12-fold increase in after-school participation, and engaged 96 students.

Teach For America (TFA)
Baton Rouge, LA
Corps Member · Jul 2012 to Jul 2014
Corps Member – History Teacher
- Adapted quickly to a difficult environment; achieved highest testing scores in school history.
- Was rated in the 99th percentile of teachers for student improvement scores.
- Executed professional developments in the area of behavior management, creating culturally relevant lesson plans, and data driven assessment.
Data Director – Positive Behavior Intervention & Support Team
- Analyzed school-wide behavior management data and published reports highlighting trends and discrepancies.
- Created positive intervention plans to address concerning trends, directly resulted in behavior infractions decreasing by 25%.