

# Ty Connors

## Fullstack Developer

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## Experience

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<b>Freelance Developer</b> Raleigh, NC	<b>CoffeeLux</b> <ul style="list-style-type: none"><li>Build Android and iOS apps from the ground up using React-Native</li><li>Developed key features in warehouse inventory mobile app, including calculator, advanced search, custom form behavior and more.</li><li>Implemented localization and l18n language translation in React-Native</li><li>Integrate complex external libraries like Google Admob for advertising, and a tabview library for UX friendly menus.</li><li>Prototyped geolocation tracking app with React Native. Users can view their route activity on a dashboard.</li><li>Connected to Gmaps API to draw maps for users to build a journal of biking history.</li></ul> <i>(React, React Native, Nodejs, Firebase, MongoDB, Material UI)</i>	NOV 2017 - CURRENT
<b>Software Engineer</b> Raleigh, NC	<b>Continuous Precision Medicine</b> <ul style="list-style-type: none"><li>Given the provided UX mockups, executed an android software solution with React Native.</li><li>Crafted a calendar management tool for medical and patient health purposes in reaction to the Opioid Epidemic.</li><li>Saved patient data in offline mobile Realm cache until a network connection was established</li><li>Created a Test environment to back-up company data in Amazon Web Services (AWS). Created Master and Slave relationship in RDS instance using MYSQL</li><li>Built and debugged a Jenkins server to compile, build and test our source code.</li><li>Structured and validated our patient data pipeline from start to finish.</li></ul> <i>(React Native, Jest, Unix, Nodejs, AWS, MySQL, Jenkins)</i>	FEB 2018 - SEPT 2018
<b>Network Engineer</b> Raleigh, NC	<b>Techdrone</b> <ul style="list-style-type: none"><li>Build a RESTFUL API in Node js for saving and loading game data including terrain, trees, houses, roads, and spawn points.</li><li>Integrated the API into a Unity client and constructed all the login and world menu forms to consume my backend.</li></ul> <i>(Unity, C#, Nodejs, MongoDB, Docker)</i>	OCT 2016 - OCT 2017
<b>Software Developer</b> Garner, NC	<b>Custom Communications</b> <ul style="list-style-type: none"><li>Build and Maintain internal workflow app for managing inventory and dispatching technicians.</li><li>The ERP system served about 400 technicians, and dozens of support and admin users.</li><li>Created Angular directives (javascript) for building forms and handling user interaction.</li><li>Cultivated a user preference feature for improved paginated results and better UX.</li><li>Improved performance on Postgres database queries.</li></ul> <i>(Ruby on Rails, Angularjs, PostgresSQL, Rspec)</i>	JULY 2016 - APRIL 2017
<b>Freelancer</b> Raleigh, NC	<b>tyconnors.com</b> <ul style="list-style-type: none"><li>Designed and edited a wordpress for EduMesh, a concept for connecting education systems together.</li><li>Connected a real estate app ruby on rails app to Stripe payment API. Users could register an account and make payments to use the service on a subscription basis.</li><li>Built tyconnors.com, using Gotham font and a grid based card system similar to Pinterest.</li><li>Developed and practiced knowledge of full stack development.</li></ul> <i>(Ruby on Rails, jQuery, Javascript, Backbonejs, CSS3)</i>	SEPT 2014 - JUNE 2016
<b>QA Tester</b> Raleigh, NC	<b>FujiFilm</b> <ul style="list-style-type: none"><li>Coordinate feedback on an imaging tool for radiologists to diagnose cancer</li><li>Tested UI and 3rd party integrations like Dragon Dictation.</li><li>Built and presented mock-ups for UI solutions.</li><li>Troubleshooted errors in Chrome developer tools.</li><li>Automated workflow with AutoHotkey scripts.</li></ul> <i>(Windows, Balsamiq, AutoHotkey, CSS3)</i>	SEPT 2013 - SEPT 2014

## Education

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<b>B.S. Statistics</b> Computer Science Chapel Hill, NC	<b>University of North Carolina</b> <ul style="list-style-type: none"><li>Studied Probability and Risk analysis in business and finance.</li><li>Built several projects in Java including a liquid flow terrain map and a battleship game.</li><li>Competed in Nationals for club Ultimate Frisbee</li></ul>	AUG 2008 - MAY 2012
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## References

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Porfolio is available at <http://tyconnors.com>  
References available upon request.