

Ty Connors

Fullstack Developer

Raleigh, NC | ty@coffeelux.club | (919) 205 8593

Experience

Software Engineer Raleigh, NC	Continuous Precision Medicine <ul style="list-style-type: none">Given the provided UX mockups, executed an android software solution with React Native.Crafted a calendar management tool for medical and patient health purposes in reaction to the Opioid Epidemic.Saved patient data in offline mobile Realm cache until a network connection was establishedManaged multiple branches of our React Native build for different clients.Created a Test environment to back-up company data in Amazon Web Services (AWS). Created Master and Slave relationship in RDS instance using MYSQLBuilt and debugged a Jenkins server to compile, build and test our source code.Structured and validated our patient data pipeline from start to finish.(React Native, Jest, Unix, Nodejs, AWS, MySQL, Jenkins)	FEB 2018 - SEPT 2018
Freelance Developer Raleigh, NC	Coffeelux <ul style="list-style-type: none">Prototyping geolocation app with React Native to collect bike route data. Users can view their route activity on a dashboard.Connected to Gmaps API to draw maps and Polylines for users to build a journal of biking history.Developed another React web app that displays coffee consumption data (GPS Location and number of cups per day).Enabled the app to generate widgets that can be embedded in other websites like Wordpress.Connected to a custom RESTFUL Node JS API that managed coffee data in MongoDB.(React, React Native, Nodejs, Firebase, MongoDB, Material UI)	NOV 2017 - CURRENT
Network Engineer Raleigh, NC	Techdrone <ul style="list-style-type: none">Build a RESTFUL API in Node js for saving and loading game data including terrain, trees, houses, roads, and spawn points.Integrated the API into a Unity client and constructed all the login and world menu forms to consume my backend.(Unity, C#, Nodejs, MongoDB, Docker)	OCT 2016 - OCT 2017
Software Developer Garner, NC	Custom Communications <ul style="list-style-type: none">Build and Maintain internal workflow app for managing inventory and dispatching technicians.The ERP system served about 400 technicians, and dozens of support and admin users.Created Angular directives (javascript) for building forms and handling user interaction.Cultivated a user preference feature for improved paginated results and better UX.Improved performance on Postgres database queries.(Ruby on Rails, Angularjs, PostgreSQL, Rspec)	JULY 2016 - APRIL 2017
Freelancer Raleigh, NC	tyconnors.com <ul style="list-style-type: none">Designed and edited a wordpress for EduMesh, a concept for connecting education systems together.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.Built tyconnors.com, using Gotham font and a grid based card system similar to Pinterest.Developed and practiced knowledge of full stack development.(Ruby on Rails, jQuery, Javascript, Backbonejs, CSS3)	SEPT 2014 - JUNE 2016
QA Tester Raleigh, NC	FujiFilm <ul style="list-style-type: none">Ensure confidence in medical imaging software. The tool helps radiologists diagnose cancer and other illnesses.Tested UI and 3rd party integrations like Dragon Dictation.Built and presented mock-ups for UI solutions.Troubleshooted errors in Chrome developer tools.Automated workflow with AutoHotkey scripts.(Windows, Balsamiq, AutoHotkey, CSS3)	SEPT 2013 - SEPT 2014

Education

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

Portfolio is available at <https://tyconnors.com>
References available upon request.