# Brendan Tackney

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<https://btackney.github.io/>

## Work Experience

* Sentrics <https://sentrics.net/>, July 2019 – Present, Full Stack Software developer
  + Worked on nursing home emergency call systems. Maintaining existing systems and building a new generation of systems. Creating systems used for life safety that can be internet independent with no downtime, using on site servers monitored and managed remotely.
  + Agile software team of 2-5 members (varied based on turnover) working with similar hardware team. Sprint retros every 2 weeks. Working with project management & marketing to meet stakeholder requirements. Working in JIRA for task management, Aha! for product development & git for source control.
  + Message brokers & microservices to manage data sent from end devices that is processed for emergency calls, location tracking, & data analytics.
  + Nodejs back end in JavaScript and Typescript to route and process data through message brokers.
  + VUE for web app development for nursing home administration.
  + Storybook for user interface development.
  + Flutter app development using BLOC pattern for nurses and nursing home staff to receive emergency calls from nursing home residents.
  + MongoDB & Redis data management and storage.
* Daytona State College, January 2019 – July 2019, Computer Science Tutor.
* Short term contracts:
  + You Will Change the World, Contractor/Software Developer
    - Fixed, maintained, & added features working in NodeJS, Parse, Heroku, & AWS. Worked with marketing teams for design, seo, & product development.
  + LibLob LLC, Contractor/Software Developer.
    - Created P2P rental site in .NET & Azure. Added rentals with Stripe Connect & communication functions. Lots of bugfixes.
* Rising Empire Technologies Inc, Computer Programmer.
  + Worked on backend nodejs & front-end HTML, CSS, JS modules.
* Daytona State College, August 2016-December 2016, Peer Tutor.
* Volusia County Beach Safety, August 2015 – August 2021, On/off job.
* Best Buy (Geek Squad) Daytona Beach FL, February 2014 – February 2015, Computer Repair/Inventory Management.
* Red Bull Distribution Company, Riviera Beach FL, Account Sales Manager, June 2010 - September 2012.

## Hobby Projects Currently Active

* Mobile Game built in flutter <https://play.google.com/store/apps/details?id=com.brendan.lostword>

## Education & Academic Awards

* Bachelor of Science in Information Technology, May 2017 Daytona State College, Daytona Beach, FL. With Technical certificate in web systems.
* University Hackathons through [mlh.io](https://mlh.io/)
  + University of Florida, 2nd Place Swamp Hacks January 19th-21st 2018 <https://devpost.com/software/swampbox>
  + Stetson University, Best Web App & Use of AWS Awards Sudo Hack Stetson, March 2017 <https://devpost.com/software/make-america-safe-again>
  + Florida State University, 2nd Place Hack FSU February 2017 <https://devpost.com/software/smartpark-ymauif>
  + Embry Riddle Aeronautical University, 2nd Place Hack Riddle October 2016 <https://devpost.com/software/publicpuzzle>
* 2nd Place Cairns Innovation Challenge April 2017 <http://cairnsfoundation.com/innovationchallenge.html>