

# Alan Banks

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Github: <https://github.com/alanbanks229>

Portfolio: <https://alan-banks-portfolio.herokuapp.com/>

| Blogs: <https://medium.com/@alanbanks229>

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## TECHNICAL SKILLS

- Javascript • Ruby • Java • Python • ReactJS • Redux • Ruby on Rails • Semantic & Material UI • CSS •
- HTML5 • RESTful Routing • JSON • PostgreSQL • SQLite •

## TECHNICAL PROJECTS

**"Current Trends"** - [[Github Frontend](#)] | [[Github Backend](#)] | [[Demo](#)]

An online web search engine made for accessing news locally and across the globe.

- Utilized NEWSAPI and Microsoft Azure's Bing News Search API to retrieve local/global news.
- Utilized OpenWeatherMap's Weather API and Geolocation API to display local weather information.
- Constructed with RESTful routing in the backend and utilized React-Router for intuitive URLs
- User information is stored and encrypted within a PostgreSQL database using Ruby's "bcrypt" gem. This prevents people with access to the database, to obtain private user information.

**"Draw Off"** - [[Github Frontend](#)] | [[Github Backend](#)] | [[Live Site](#)] | [[Demo](#)]

An online multiplayer game where users are given a prompt to draw and the winner has the most likes.

- Consists of servers (game lobbies) that allow asynchronous communication, enabling multiple users to interact in a multiplayer setting.
- Implemented an authentication flow via FireBase Auth, which checks for auth changes client-side.
- Implemented custom React Component, "react-canvas-draw" which allows for the drawing capabilities displayed within the app.

**"Askit"** - [[Github](#)]

An online forum for asking and answering questions posted by multiple users.

- Rails application constructed with a MVC framework. (Models, Views, Controller)
- Utilized the ActiveRecord module to construct numerous associations between objects/classes and set up SQLite database.
- Views are implemented with ERb syntax making the HTML pages more dynamic.

## EXPERIENCE

<b>McLean Bible Church</b> ( <i>Vienna, Virginia</i> ) Youth Praise and Worship Leader	08/2015 - Present
<ul style="list-style-type: none"><li>• Led congregation in song and promoted a fun and moving atmosphere.</li></ul>	
<b>Youth With a Mission</b> ( <i>Kona, Hawaii &amp; Manila, Philippines</i> ) Missionary Evangelist, Team Leader	09/2017 - 3/2019
<ul style="list-style-type: none"><li>• Worked in inner-city homes, mentoring disadvantaged youth.</li></ul>	
<b>Bowdoin College</b> ( <i>Brunswick, Maine</i> ) Resident Proctor/RA	08/2015 - 05/2018
<ul style="list-style-type: none"><li>• Proctored and Counseled underclassmen. Provided assistance and community to First-Years.</li></ul>	
<b>Johns Hopkins Medicine</b> ( <i>Sibley Memorial Hospital</i> ) Emergency Room Volunteer	06/2012 - 08/2014
<ul style="list-style-type: none"><li>• Provided assistance and resources to healthcare workers.</li></ul>	

## EDUCATION

<b>University of Maryland Global Campus (UMGC)</b> <ul style="list-style-type: none"><li>• BS in Computer Science</li></ul>	College Park MD expected graduation: Dec 2021
<b>Flatiron School</b> <ul style="list-style-type: none"><li>• Full Stack Web Development, Ruby on Rails and Javascript program</li></ul>	Washington, D.C. 01/ 2020 - 05/2020
<b>Bowdoin College</b> <ul style="list-style-type: none"><li>• BA in Music</li></ul>	Brunswick, ME 05 / 2018