Alan Banks

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Github: https://github.com/alanbanks229 | Blogs: https://medium.com/@alanbanks229
Portfolio: https://alan-banks-portfolio.herokuapp.com/ | Email: alanbanks229@gmail.com

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] | [Live Site] | [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] | [Demo]
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

Mclean Bible Church *(Vienna, Virginia)*   08/2015 - Present
Youth Praise and Worship Leader
- Led congregation in song and promoted a fun and moving atmosphere.

Youth With a Mission *(Kona, Hawaii & Manila, Philippines)*   09/2017 - 3/2019
Missionary Evangelist, Team Leader
- Worked in inner-city homes, mentoring disadvantaged youth.

Bowdoin College *(Brunswick, Maine)*   08/2015 - 05/2018
Resident Proctor/RA
- Proctored and Counseled underclassmen. Provided assistance and community to First-Years.

Johns Hopkins Medicine *(Sibley Memorial Hospital)*   06/2012 - 08/2014
Emergency Room Volunteer
- Provided assistance and resources to healthcare workers.

EDUCATION

University of Maryland Global Campus (UMGC)   College Park MD
- BS in Computer Science   expected graduation: Dec 2021

Flatiron School   Washington, D.C.
- Full Stack Web Development, Ruby on Rails and Javascript program   01/ 2020 - 05/2020

Bowdoin College   Brunswick, ME
- BA in Music   05 / 2018