

Alan Banks

Full Stack Software Engineer

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Portfolio: <https://alanbanks229.github.io>

| Github: <https://github.com/alanbanks229>
| Blogs: <https://medium.com/@alanbanks229>
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TECHNICAL SKILLS

- MERN Stack • Javascript(ES6) • Java • Python3 • Flask • Ruby • Rails • Linux • GIT • CSS3/HTML5 •
- Bootstrap • API Development/Consumption • PostgreSQL • NoSQL (MongoDB) • SQLite • MySQL •

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.
- Created Filter/ Search functionality to determine which articles to fetch.
- Utilized Weather API and Geolocation API to display local weather information.
- Created with React Front End and also implemented Redux to manage state.
- User information is stored and encrypted within a PostgreSQL database in the backend.

“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.

- Uses asynchronous programming to allow for multiplayer capability.
- Implemented an authentication flow via FireBase Auth, which checks for auth changes client-side.
- Implemented with ReactJS Front end and Ruby on Rails Backend. Styled with Semantic UI.

“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
- 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

Youth With a Mission (*Kona, Hawaii & Manila, Philippines*) 09/2018 - 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.

EDUCATION

University of Maryland Global Campus (UMGC) College Park, MD
• BS in Computer Science (currently 3.33 GPA) Expected Completion: 12/2021

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

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

HOBBIES/ACHIEVEMENTS

- Maryland State Champion • 2014 (Track & Field)
- Musician, Vocalist •
- Gymnast, Runner •
- Video Gamer •
- Youth Coach & Mentor •