

Allison (Ally) Franken

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GITHUB

PROFILE

Licensed Professional Civil Engineer with experience in project management, team leadership, and detailed design. Discovered a passion for technology and software development through the pursuit of side projects. Looking to pursue a position in tech where I can utilize engineering, project management, problem-solving and leadership skills. Quick learner, hardworking, and a self-starter, ready to apply analytical and technical skills in the field of software development.

EMPLOYMENT HISTORY

- Feb 2021 – Present **Project Manager, Burns & McDonnell-Dominion Energy** Richmond, VA
Project Manager for 40+ electric transmission infrastructure projects coordinating across multiple project teams to ensure projects are on-time and under budget. Automated processes to optimize time and cost efficiency. Entrusted with managing project operation, deadlines, and communicating technical, fiscal, and logistical project updates to C Suite executives.
- Jun 2015 – Feb 2021 **Civil Engineer, Burns & McDonnell** Richmond, VA
Served as the lead civil engineer on multiple large-scale solar projects in the Environmental Services Global Practice. Created detailed design packages, trained engineers, and communicated project needs with clients while working in close coordination with Burns & McDonnell's global projects team in India. Supported several Global Practices in multiple regional offices, working on civil site layout, stormwater, and site design.

EXTRA-CURRICULAR PROJECTS

- June 2022 **Grocery List Angular App**
Built [Grocery List Angular app](#) using HTML, JavaScript, and CSS. The CRUD application allows the user to create, edit, and delete list items. Utilized debugging techniques through the inspect tool to ensure successful compiling. Stored the repository on GitHub and used Visual Studio as the source code editor.
- January 2022 **SmartMirror**
Built a SmartMirror using a Raspberry Pi, monitor, double-sided mirror and the open source MagicMirror repository. Added the local weather and news using the WeatherApp api and provided the location ID and city name. Installed Jasper on the Raspberry Pi allowing voice commands to be interpreted by the Raspberry Pi and rendered on the Smart Mirror similar to Google Voice or Siri.
- June 2020 - Present **Civil PE Testing Services Website**
Working with a developer to create a subscription-based website to aid engineers in studying for the Civil Professional Engineer's Exam. Regularly debug website, provide layout and design direction, and communicate directly with the developer.
- Sep 2018 **Civil PE Practice Exam and Guide**
After passing the Professional Civil Engineers Exam in 2018, wrote and published a [Civil PE Practice Exam and Guidebook](#) to aid fellow test-takers in their studies through an Amazon Services platform. Over 1500 copies sold.
- Sep 2021 – Present **Private Pilot, Aviation Ally; Self-Employed**
Currently writing and publishing a book on how to become a Private Pilot and what I wish I had known before beginning my Private Pilot training. My goal is to encourage others to get into general aviation and help them understand the process. With a passion for aviation, adventure, and learning, began training for a Private Pilot's license in September 2021 and obtained licensure in March 2022.

EDUCATION

- Aug 2011 – May 2015 **Bachelor's Degree in Civil Engineering, Kansas State University** Manhattan, KS
Relevant Courses:
CIS 200 – Programming Fundamentals, CIS 209 – C Programming for Engineers
Captain of the K-State Women's Rowing Team; New Member Director Kappa Alpha Theta Sorority; Society of Women Engineers