

Dawson Abner

Portfolio: <https://dawson-abner-portfolio.herokuapp.com/>

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EDUCATION

- **Texas A&M University** College Station, TX
B.S. Computer Science; Minor in Game Design & Development *Aug. 2017 – December 2021*

WORK EXPERIENCE

- **Smoothie King** College Station, TX
Team Member *Sept. 2019 - Sept. 2020*
 - Serve guests quality products in a timely manner
 - Provide guests with information regarding all products
 - Maintain a clean and safe environment for workers and guests
- **Texas A&M Intramural Sports** College Station, TX
Esports Assistant *Oct. 2020 - Current*
 - Collaborate with team to create tournament lineups with a variety of games.
 - Manage tournaments and streams to provide an enjoyable and smooth experience for competitors and viewers.
 - Work on various projects to enhance and grow Intramural Esports at Texas A&M.

PROJECTS

- **EH-Participation Tracker:**
 - Software Engineering course project utilized by real client
 - Utilized Ruby on Rails, CSS, PostgreSQL, and Heroku to create an application for tracking students and their event participation
 - Developed with a group using the agile development process
 - Programmed with many features requested by the client to make the application robust
 - Found at <https://eh-participation-tracker.herokuapp.com/>
- **Find Your Happy:**
 - Senior Capstone Design project utilized by Professor Macnamara in the Department of Psychology at Texas AM University
 - Utilized Ruby on Rails, Bootstrap, PostgreSQL and Heroku to create an application for tracking and analyzing a person's mental health and wellbeing
 - Developed with a group where we utilized peer coding and rigorous code reviews
 - Found at <https://findyourhappy.herokuapp.com/>

PROGRAMMING SKILLS

- **Languages:** C++, Java, Python, Ruby, Javascript, HTML, C#
- **Technologies:** Git/Github, Rails, PostgreSQL, Heroku, PGAdmin, Unity, Unreal, AWS, Alexa, Arduino

INVOLVEMENTS

- **Texas A&M Esports:** Administrator and Tournament Organizer on Discord and Smash.gg for Super Smash Brothers tournaments in Bryan and College Station
- **Fade to Black:** Performed and choreographed dance routines for a large showcase once a semester

COURSEWORK

Linear Algebra, Data Structures in C++, Design & Analysis of Algorithms, Programming Languages, Programming Studio, Software Engineering, Information Storage and Retrieval, Wireless and Mobile Systems, Artificial Intelligence, Cybersecurity, Game and Level Design, Interactive Virtual Environments