

# Dawson Abner

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

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## EDUCATION

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

## WORK EXPERIENCE

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- **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

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- **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

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

## INVOLVEMENTS

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- **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

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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