

Austin Jackson

<https://www.linkedin.com/in/austindjackson>

Email : austinjackson@gmail.com

Mobile : +1-281-851-9106

OBJECTIVE

Software Engineer. Computer Science graduate with a focus on full-stack web development. Interested in innovative methods of utilizing data and technology to serve the needs of people. Interested in learning, collaborating, and creating solutions. Seeking full-time employment opportunities.

EDUCATION

- **University of Houston** Houston, TX
Bachelor of Science in Computer Science, 3.5 GPA. Transferred from A&M. *Aug. 2019 – Dec. 2021*
- **Texas A&M University** College Station, TX
Bachelor of Science in progress, Electronic Systems Engineering Technology. *Aug. 2017 – Aug. 2019*

EXPERIENCE

- **Harris County Universal Services** Houston, TX
Senior Software Engineer *Jan 2022 to Present*
 - Working with TypeScript and .NET to create ASP.NET Core Applications to service Harris County. ePermits platform maintenance and support.
- **Harris County Engineering Department** Houston, TX
Software Engineer I *Nov 2020 to Jan 2022*
 - **ePermits:** Responsible for R&D of architecture upgrade from ASP.NET Web Forms to .NET Core & Angular. Developed applications for triage & registration of vendor equipment. Implemented WYSIWYG HTML editors across platform and patched multiple attack vectors. Platform maintenance and support.
 - **Rosetta:** Lead developer. An open-source, flexible, cost-effective alternative to the [now discontinued](#) Google Translate Website Translator widget.
- **Harris County Universal Services** Houston, TX
Software Engineering Intern *Jan 2020 to Nov 2020*
 - **US Enterprise Code Generator:** Generates .NET Core codebase in Repository/Unit-of-Work patterns using PowerShell. Generates multiple layers by extrapolating model information from SQL Server database table. Used for adhering to architecture patterns and reducing technical debt.
 - **AnimalCruelty:** Developed application for triage and reporting of animal cruelty to integrate with SharePoint.
 - **PCSSensors:** Developed back-end systems to process the intake and analysis of pollution data from IOT devices.
- **Texas A&M University College of Engineering** College Station, TX
Information Technology Student Technician *Aug 2017 to Aug 2019*
 - Responsible for software solutions, hardware repair for Nuclear Engineering Department. Implementation of automated software deployment with Chocolatey and PXE network boot for imaging at scale. Direct customer support and correspondence.

PROJECTS

- **CougarGrades.io:** Started in Summer 2019, actively developed in the present. Open source React app for analyzing grade distribution data for University of Houston courses. Uses Next.js and Google Firebase for a responsive and scalable experience. Over 4,000 unique visitors monthly. FOIA/Texas PIA data acquisition and processing automated using GitHub Actions. Sponsored by Vercel. Available at <https://cougargrades.io/>
- **Bomb Flip:** Nostalgic logic puzzle game developed for iOS and Apple Silicon devices with SwiftUI for iOS 16. Available on the Apple App Store. Available at <https://au5ton.github.io/BombFlip/>

PROGRAMMING SKILLS

- **Languages:** Javascript/TypeScript, Python, C#, PowerShell, Bash, Swift, C++, Java, MATLAB
- **Technologies:** Node.js, React, Docker, .NET 5, Serverless, AWS, SQL, Git/GitHub, Maven, Arduino
- **Interests:** Open source technologies, Education, Information Security, Finance, Civil rights