

Donahue Avila

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EDUCATION

2018-2021 **TEXAS A&M UNIVERSITY | College Station, TX**

- Senior in Computer Science

PROJECTS

- 2022 **OWO.BIO | github.com/donahuea/owo.bio**
- Used NextJS to develop a social media link page
 - Full-stack solo project
 - Designed and implemented the UI, APIs, and architecture
 - Learned and applied modern web technologies like MongoDB and Next.js
- 2019 **AGGIE EATS | github.com/donahuea/aggie-eats**
- Created a Website that tracked and displayed how busy dining areas were
 - Relayed data from Raspberry Pis in real time
 - Created an API endpoint that retrieved historical data
 - Learned and combined several different technologies in two weeks
- 2018 **BAD PARKERS IOS APP | github.com/donahuea/badparkers**
- Developed an iOS application that enabled users to upload photographs of parking violations to a shared map
 - Updated images and comments from users with Firebase in real-time
 - Took advantage of asynchronous programming to maintain app responsiveness
- 2017 **CLASS SCHEDULER | github.com/donahuea/classScheduler**
- Created a Python script that generated all possible schedules for a set of classes
 - Allowed users to easily filter schedules to meet scheduling requirements
 - Scraped class hours automatically from the web

SKILLS

- Languages: TypeScript, HTML, CSS, Python
- Technologies: Git, Node.Js, React, PostgreSQL, MongoDB