

# Grant R. Tugwell

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## Education

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Texas A&M University, College Station, TX  
Bachelor of Science in Computer Science  
Cumulative GPA: 3.63

Expected Graduation Date: May 2022

## Work Experience

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### ProFrac, Willow Park, TX (Remote)

June 2021 – August 2021

*Computer Science Intern*

- Continued developing an API which will be used to aid and coordinate employees in the field
  - Created functions to output JSON responses
  - Optimized API routing to cut down on maintenance
  - Helped debug issues found in production application
- Assisted in writing automated tests to be used in our development pipeline

### ProFrac, Willow Park, TX (Remote)

June 2020 – October 2020

*Computer Science Intern*

- Helped develop an API which will be used to aid and coordinate employees in the field
  - Assisted in writing postgresSQL queries
  - Wrote code for numerous API routes/endpoints
  - Assisted in testing API routes/endpoints and implementing corrections
- Added features to working internal Power Apps

## Personal Projects

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### Women In Nuclear Engineering

January 2021 – May 2021

*Developer – Software Engineering Course*

- Created a website to organize their members points, as well as display organization information
- Allows officers to post relevant information in forums we created, along with an updateable calendar
- Automatically formats user information so officers do not have to manually enter event attendance data

### Accident Info Visualization

September 2019

*Independent Project*

- Created a website during the 2020 TAMUhack that allowed for the user to input a city in Texas, and see map of auto accident locations from 2016-2019

## Skills

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- Microsoft office suite programs, AutoCAD: Inventor, 3D Printing
- C++, Python, Java, JavaScript, TypeScript, ruby, postgresSQL, Haskell, HTML/CSS, Microsoft Power Apps, Git

## Awards & Involvement

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- Member of Aggie Coding Club
- Member of Phi Eta Sigma Honor Society

## Interests

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- Running – Coordinates a small workout group, responsible for leading exercises
- Singing – Practice music regularly with my roommates who can play various instruments