

RESUME PROFILE

Computer Science and Applied Mathematical Sciences Double Major class of 2022 (fall graduation) at Texas A&M College Station.

EDUCATION

- **GPA: 3.775**
- Completed Coursework: Analysis of Algorithms (CSCE 629), Formal Languages and Automata (CSCE 433), Linear Algebra I & II (MATH 323, MATH 423), Differential Equations (MATH 308), Math Probability (MATH 411), Intro to Computer System (CSCE 313), Programming Studio (CSCE 315), Computer Organization (CSCE 312), Programming Languages (CSCE 314), Data Structures & Algorithms (CSCE 221), Discrete Structures for Computing (CSCE 222), Intro to Program Design & Concepts (CSCE 121), Principles of Statistics I (STAT 211).

EXPERIENCE

- Preferred languages: C++, Python
- Intern in the **Distributed Research Experiences for Undergraduates (DREU)** Summer 2020 program. Worked with Dr. Nancy Amato's research group on multi-agent motion planning algorithms.
- Member of **Aggie Coding Club** (Sept 2018 - present) – Worked in teams on development. Experience using **Git** for collaboration.
- Participated in **TAMUmake Hackathon** (Feb 2019) – Worked with team to develop Python program that took camera input of 'chessboard' and create virtual representation.
- Highschool Capstone 2018: "Anti-Procrastination Commitment Device" (APCD)
 - Created Windows application and service using C# .NET framework, which communicated to my Arduino program controlling electromechanical compartments.
- First Tech Challenge (FTC) Robotics Team "iCaptains/Company E."
 - (**Team Captain**) Aug 2017 – June 2018.
 - Experience in managing members and delegating responsibilities.

ACHIEVEMENTS

- 2017-2018 National Hispanic Recognition Program Scholar
- Top 3% of high school class; Ranked 11 out of 383. 4.0 high school G.P.A. unweighted