PATRICK MARTINEZ

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EDUCATION

Texas A&M University   College Station, TX
Bachelor of Science in Computer Engineering   *August 2019 — May 2023*

- GPA: 3.74

- National Merit Scholar

- **Relevant Coursework**: Digital Systems Design, Data Structures & Algorithms, Electrical Circuits, Program Design, Discrete Mathematics, Differential Equations

SKILLS

Computer Languages: C, C++, Python, Dart, Bash, LaTeX, Verilog, HTML, CSS

Microcontrollers: STM32, Arduino

Technologies: GNU/Linux, Git, Flutter, LTspice, Microsoft Excel, Vim

PROJECTS

Enrole | *Flutter, Dart, Git, Firebase*
- Collaborated with a team of 6 other students at Texas A&M to develop an iOS/Android App with Flutter that provides a virtual space for student organizations at universities to connect with members, organize events and activities, and advertise to other students
- Implemented the backend for the user interface that allows members to create, edit, and comment on group announcements using Google's Firebase platform
- Created a page to view the list of members registered in an organization

String Calculator | *C++*
- Programmed a calculator in C++ that supports arithmetic such as addition, subtraction, and multiplication with arbitrarily large numbers represented internally as strings
- Created a version of the calculator with C style strings represented as a sequence of characters

Personal Website | *nginx, rsync, HTML, CSS*
- Built a personal website from scratch using nginx as a web server

WORK EXPERIENCE

Grocery Clerk/Courtesy Clerk   Oklahoma City, OK
Sprouts Farmers Market   *May 2020 — August 2020*
- Stocked groceries and frozen foods and assisted customers in finding products
- Counted and greeted hundreds of customers at the front daily and gathered carts from outside
- Maintained the cleanliness and overall presentation of the store

Team Member   Oklahoma City, OK
Harkins Theatres   *May 2019 — August 2019*
- Cleaned theatres, lobby, halls, perimeter of the building, and bathrooms
- Greeted hundreds of customers at the front daily and took tickets
- Often worked in concessions, preparing food items, restocking items, and offering friendly service to customers

Swimming Pool Maintenance Technician   Oklahoma City, OK
Private Swimming Pool   *May 2017 — August 2020*
- Kept chemicals balanced, vacuumed dirt, cleaned pipes, maintained pool area

ACTIVITIES

- Institute of Electrical and Electronic Engineers (IEEE)   Texas A&M University

- Aggie Coding Club   Texas A&M University

- St. Mary's Catholic Center   College Station, TX