

# Tejas Maraliga

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## EXPERIENCE

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### The Internship Initiative LLC.

*Systems Developer & Vice President of Technology*

**Jan. 2020 – Present**

*Southborough, MA*

*Systems Developer*

*Jan. 2020 – Sep. 2020*

- Single-handedly designed and implemented backend infrastructure for three enterprise products on Amazon Web Services.
  - Utilized services and technology such as REST, GraphQL, Amazon Cognito, Redis, DynamoDB, Amazon S3, Lambda, EC2, and Elasticsearch.
- Built Flask apps to serve three React web-apps while assisting with front-end development and backend integration.
- Created and managed deployment of applications through CI/CD pipelines.

*Vice President of Technology*

*Sep. 2020 – Present*

- Manage a team of three developers in a multi-account Amazon Web Services environment.
- Enforce DevOps practices such as Infrastructure as Code, unit and integration testing, CI/CD, and continuous monitoring.
- Run weekly code reviews with my team and other developers in the company ensuring code stability.

### Scholastic Artificial Intelligence League Inc. (SAILEa Inc.)

*Competition Organizer*

**May 2021 – Present**

*Southborough, MA*

- Design and manage a React frontend for the [SAILEa Liftoff 2021 Programming and AI competition](#).
- Enable problem submission, validation, and scoring primarily through AWS Lambda.
- Enable AI submission, simulation, and scoring through Docker and Amazon Fargate.

### FIRST Robotics Competition Team 1100

*Co-Captain*

**Sep. 2016 – June 2020**

*Northborough, MA*

- Co-Managed a team of 40 students to design, construct, and operate a 120 lb. robot in six weeks.
- Led outreach events and recruitment campaigns resulting in a 60% percent increase in member registration and retention.
- Managed tasks and delegation through the Agile practice using tools such as Trello and Slack.
- Created [autonomous function, remote control, and image processing software](#) for the robot in Java.
- Contributed to design of robot through a collaborative Fusion 360 CAD project.

#### Awards

NE District Chairman's Award (Apr. 2020), NE District Engineering Inspiration Award (Mar. 2020), Dean's List Semi-Finalist (Mar. 2020), Innovation in Control Award (Mar. 2019), Autonomous Award (Mar. 2019)

## EDUCATION

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### The University of Texas at Austin

*Bachelor of Science in Chemical Engineering & Computer Science*

**Expected May 2024**

*Austin, TX*

- GPA: 3.55/4.0

## CERTIFICATIONS

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### [AWS Certified Developer-Associate](#)

**Aug. 2021**

Validation Number: 200XB5QLM2EQ105Q

## SKILLS

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**Skills:** AWS, Autodesk Fusion 360, Bash, Blender, C, CAD, Docker, Express.js, Flask, Git, GraphQL, Java, JavaScript, Jest, Jira, Linux, MongoDB, Node.js, OpenCV, Pytest, Python, React, Slack, Trello