Elian Hijmans Malessy

EXPERIENCE

Speech and Debate Club, Davis, CA — *Parliamentary Debate President* (2020 - Present)

- Worked with leadership to create a curriculum to teach students about economics, philosophy, and policy, as well as debate skills

- Organized Parliamentary Debate meetings to fit schedules and engaged students in practice debates

FIRST Robotics Club team 1678 Citrus Circuits, Davis, CA—*Hardware Design Engineer* (2019 - 2020)

- Designed and assembled high achieving and globally competitive robots
- Used industry-standard software and equipment
- Worked with over 100 students, professionals, and mentors

Davis Engineering Team, Davis, CA — *Member* (2021 - Present)

- Helped in the design and build process of a small autonomous car
- Wrote Problems for a coding tournament
- Did Outreach for Workshops held with STEM professionals

Online Tutor (2020 - Present)

- Tutored Elementary and Middle school kids in Math and English
- Worked with parents and students to create a schedule and curriculum

Independent Contractor (2021 - Present)

- Created an interactive and engaging website for the IMAGE research project funded by the Gates Foundation centering around crop data collection in Africa
- Used Next.js and ChakraUI for the website and used an AWS s3 bucket to store the data

PROJECTS

Chess For Friends — *Website*

- Chess website created using industry-standard technologies like React.js and Firebase without prior knowledge

- Supports UX features such as account creation, account deletion, user authentication, forgot password, profile picture modification, etc...

Stock Trading Simulator — *Website*

- Programmed in python (flask framework), SQL, Html, and CSS without prior knowledge
- Allows users to simulate trading, selling, and buying stocks using real-time data fetched from an API

SKILLS

Programming

– C, C++, Javascript, Python, Java, Git, Github

Making Websites

–React.js, Next.js, Html, CSS, JSON, Firebase

CAD Software

- Onshape

AWARDS

FRC 2019 Capital City Classic
Winner (Robotics)

Stanford Invitational
Octofinalist (Debate)

California High School Speech Association State Championship
Participant (Debate)

National Speech and Debate Tournament
Participant (Debate)

Vex Robotics World Championship
Participant (Robotics)

LANGUAGES

English (fluent),
Dutch (proficient)

EDUCATION

Davis Senior High (4.6 GPA)

Harvard University – CS50x
Introduction to Computer Science