

Daniel Misherky

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EDUCATION

University of South Florida (USF)

Tampa, FL

Bachelor of Science in Computer Science

Expected Graduation: May 2027

- GPA: 4.00/4.00

Pasco Hernando State College

New Port Richey, FL

Dual Enrollment

Aug. 2021 - May 2024

- GPA: 4.00/4.00

EXPERIENCE

Tech Team Volunteer

October 2020 – Present

First Baptist Church New Port Richey

New Port Richey, FL

- Assisting with microphones, speakers, projectors, lights, and presentations on Sundays and Vacation Bible School in the summer

PROJECTS

Autonomous Robot | *Arduino*

Aug. 2024 - Dec. 2024

- Led a team of 5 people to make an autonomous robot using Arduino and H-Bridge motors with a requirement of being under \$40, fitting in a 6" X 6" X 6" box when disassembled, and having the ability to be assembled in a couple of minutes
- Coordinated a plan with the team to meet project deadlines, designed an optimal code for which the robot runs, created a material price list to estimate the total cost of the robot, which came to under \$30, assessed the team's strengths and weaknesses, and wrote an executive summary to detail the design process
- Showcased robot to judges and got a 14.3 out of 15 based on the robot's functionality and features

Portfolio Website | *React, Next.js, Tailwind CSS*

Present

- Developed a website that gives more information about me, my projects, and allows direct contact through my email through Web3Forms API
- Uses Tailwind CSS for a responsive layout which adjusts for the size of the user's screen
- Uses React's motion library to add animations to each section of the website and increase responsiveness
- URL: danielmisherky.vercel.app

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (MySQL/MSSQL), MongoDB, JavaScript, HTML/CSS, Arduino

Frameworks: React, Next.js

Developer Tools: Git, VS Code, Visual Studio, AWS, Microsoft Office

Libraries: pandas, NumPy

Spoken Languages: English (Fluent), Arabic (Semi-Fluent), Spanish (Semi-Fluent)

EXTRACURRICULAR ACTIVITIES

IEEE Computer Society Student Branch at USF

Aug. 2024 - Present

Member

Tampa, FL

- Active member participating in workshops and extracurricular events

USF Game Development Club

Aug. 2024 - Present

Member

Tampa, FL

- Participating in collaborative game development workshops

USF Society of Hispanic Professional Engineers

Jan. 2025 - Present

Tech Team

Tampa, FL

- Participating in workshops, career fairs, and other professional development events
- Assisting in fundraising hackathon events