

Daniel Wang

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EDUCATION

Texas A&M University, College Station, Texas

December 2023

Bachelor of Science in Electrical Engineering, Minor in Computer Science and Mathematics

GPA: 3.043

LEADERSHIP / ORGANIZATIONS

Society of Asian Scientists and Engineers

September 2020 – Present

TURTLE Robotics

September 2019 – Present

MazeBot Team (September 2021 – Present)

- Currently developing a robot that is capable of navigating and mapping an unknown maze

WORK EXPERIENCE / INTERNSHIPS

Texas A&M University System State Headquarters

June 2021 – May 2022

Student Programmer Analyst I (System Enterprise Applications)

- Resolved issues and wrote new code to expand the capabilities of current system applications
- Documented the departments software life cycle as well as developer tools

Amazon

May 2022 – August 2022

Software Development Engineer Intern (QuBIT Org – RAMP Team)

- Created a visually efficient dashboard for the CASPER tool in alignment with customer needs
- Utilized AWS technologies and multiple APIs to aggregate and display data from several sources
- Trained in various technologies including Machine Learning and AWS Technical Essentials
- Identified and formally proposed possible improvements in back-end API's to improve efficiency in our products as well as customer experience
- Worked closely with stakeholders and adapted the project plan over time as necessary

Intel

September 2022 – December 2022

Software Development Intern (Forecast and Planning)

PROJECTS

[Portfolio Website](#)

February 2022 – Present

Sole Developer

- Designed and created the Portfolio Website to better display technical and business qualifications

[The Medical Literacy & Access Project \(MLAP\)](#)

July 2021 – February 2022

Director for Digital Services

- Created and designed MLAP's website with focus in ease of use for immigrants

SKILLS

Computer

Extensive Experience: Adobe Creative Cloud

Business/Administrative

Extensive Experience: Documentation, Proposals, High Level Designs, Product Requirements Documents, Agile Development

Database

Database Management: SQL Server, PostgreSQL, NoSQL

Professional Experience

Internship Experience in: DevOps, Data, Full-Stack, Supply Chain

Technical

Languages: Assembly, C, C++, C#, CSS, Haskell, HDL, HTML, Java, JavaScript, jQuery, MATLAB, Python, R, Robot Operating System (ROS), TypeScript

Tools: AWS, Github, Google Colab, Jupyter Notebook, Jenkins, Linux, LyX, .NET, Pandas, QuickBase, React, Red Gate, Microsoft TFS, TensorFlow, Ubuntu, Unity, Visual Studio

Concepts: Full Stack Development, Machine Learning, Statistics, Web Scraping