

Daniel Chamorro Quillupangui

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EDUCATION & RELEVANT COURSEWORK

- Texas A&M University, College of Engineering, College Station 2019 - May 2023
- **Computer Science, B.S - Cybersecurity Minor** (Dean's Honor Roll) **GPA: 3.6**
 - **Relevant Coursework:** Computation, Program Design & Concepts, Discrete Structures for Computing, Data Structures and Algorithms, Computer Organization, Programming Languages, Computer Systems, Programming Studio
 - **Involvement:** SHPE (Main Website Development Lead), Aggie Coding Club

SKILLS

- Java, C++, Python
- React, Javascript
- HTML, CSS
- AWS
- Node.js
- GitLab
- Jest
- Express.js
- New Relic
- Confluence/Jira
- Figma
- Ruby

EXPERIENCE

- Allison Auto Center | *Web Developer* | Ossining, NY May 2020 - May 2021
- **Stimulated** average customer spending and increased customer review rate by 400% over two months. Pipelined sales by integrating appointment scheduling back-end. **Consultative work** including polling resulted in revitalized **customer experience**. **Kanban, Github, and Agile meeting two-week sprint** deadlines.
 - Executed front-end development, optimizing performance with load-balancing through **Google Cloud Platform**, learning **cloud technology** concepts, and securing website by setting up **HTTPS** protocol on **Google DNS server**.

- Nordstrom | *SWE Intern* | Seattle, WA - remote June - August 2021
- Developed a code generation tool that creates a **Flink Job** as well as a front end for the user. Reduced **1 hour** of **engineering effort** to **2 seconds** of **processing** for my program. Based on coding, troubleshooting, and automation on diverse projects including web technology, API and application development, cloud technology, mobile apps, and infrastructure automation. Technologies used: Proton, **Java, React, Kubernetes, Gradle, JavaPoet, Kafka**, etc.

- Nordstrom | *SWE Intern* | Seattle, WA June - August 2022
- Created a full stack react web tool called the Vendor Learning Portal that helps onboard our vendors to FlexPLM. **Reduced 1.5 hours** of engineering effort to **5 minutes**. Used a variety of technologies such as Express.js, **Kubernetes, GitLab, Javascript, React, Jest, Node.js**, terraform, AWS etc.

PROJECTS & AWARDS

- **Connect Six 3-D Game:** Coded block dodging game in **Java**, implementing a space shooter **side scroller**, multiple levels of difficulty, and intensive **game UI**. Backend implemented complex and **interactive** game scenarios. Brought in game theory and simple **artificial intelligence** concepts.
- **Speech Training Device:** Developed a device that monitors volume and pace while giving a speech with **Raspberry Pi**.
- **Designing for a VUCA World Competition:** Placed **third** overall in "Designing for a **VUCA** World Competition" for proposing an **automation solution** to the decline in agriculture in Portland, Oregon.

LEADERSHIP

- Boy Scouts of America | *Eagle Scout* | Grand Junction, CO 2009-Present
- **Eagle Scout** Rank - Achieved on August 5, 2018.
- FIRST Robotics | *Director of Global Programs and Safety Champion* | Grand Junction, CO & Katy, TX 2016-2019
- FRC Team 5427, earned the **FIRST Chairman's Award three times**.
 - **Project Ayllu Bot**, Quito, Ecuador - **Created** a FIRST Robotics team program to perform **service projects** in developing countries to inspire children in **low-income communities** through **STEM**, starting 9 teams in 1 month, coordinating **2,500** hours of service, communicating with 20 academic administrations, and impacting 300 children.
- SHPEathon | *Mentor & Judge* | College Station, TX February 2022
- **Coordinated** a **Google-sponsored** weekend-long **hackathon** to establish a mock company that aimed to professionally enhance student life
 - **Mentored** our **SHPE** students while they developed their projects
 - **Judged** the end result of student's projects