

# SEBASTIAN MENDOZA

📞 123-456-7890 | 🌐 [My Website](#) | ✉️ [sebmend39@gmail.com](mailto:sebmend39@gmail.com) | 🐙 [GitHub](#)

## Skills

---

- PHP | JavaScript | React | Python | Java | C++ | Node | jQuery | MySQL | SQLite | Git
- Architecture | CI/CD | Unit Testing | OOP | Microservices | Distributed Systems | Frontend | Backend | Full-Stack

## Experience

---

### Software Developer

#### Paycom

Dallas, TX 01/2021 – 11/2022

- Led the development of multiple projects from identifying system requirements to architecting solutions, workload balancing, software implementation, testing and documentation
- Assumed leadership role by mentoring junior developers, cultivating an engaging environment, and representing the development team in meetings with stakeholders
- Improved dashboard loading times by 55% by optimizing **SQL** queries and caching to reduce repeated work
- Developed object-oriented software using **React and PHP** which automated order assigning and reduces time supervisors spend assigning orders from hours to seconds, increasing productivity
- Used design patterns to create strong infrastructure and support a quickly growing codebase
- Refactored legacy code to meet clean code standards and ensure it functions with **PHP** upgrades
- Delegated tasks by taking a high-level view of JIRA issues prior to sprint, devising a solution, and determining best developer for the task, which sped up development lifecycle
- Proactively communicated with stakeholders to identify bottlenecks and propose solutions to further optimize the system
- Performed code reviews to guarantee high-quality code, improve readability, and allow us to grow

### Undergraduate Research Assistant

#### Sketch Recognition Lab

College Station, TX 05/2019 – 09/2019

- Presented and demonstrated results of individual and team research weekly
- Developed a canvas for users to sign and submit forms using **React and Node.js** to automate release form signatures
- Connected SQLite database to front-end using **Sequelize** and encrypted using **bcrypt.js**, allowing us to pull user signatures

## Education

---

### Bachelor of Science

#### Texas A&M University

College Station, TX 08/2016 - 12/2020

- **Major:** Computer Engineering
- Awarded Dean's Honor Roll in Fall 2018

## Projects

---

### Stock Market Trading

- Developed trading strategy with 35% win-rate using a 2:1 Risk/Reward ratio, back tested using **Pine Script**

### Industrial Instrumentation System (Capstone Project)

- **Goal:** Take live readings from multiple sensors and display them on website to monitor readings remotely
- Responsible for setting up **SQL** database, creating interface with alerts and connecting the hardware and software to allow for remote access. Displayed live data from sensors using **D3.js**. Completed 1.5 months ahead of deadline

## Mentorship

---

- **Paycom New Hire Ambassador:** Welcomed new hires and helped them integrate into their teams
- **Computer Science Tutor:** Programming | Data Structure and Algorithms | Interview Preparation

## Interests

---

- **Axe Throwing:** Nominated for Texas Rookie of the Year, achieved high average score to qualify for regionals
- **Chess:** Trained Leela Chess Zero on local environment, play recreationally to develop critical thinking skills