**Ethan Machado**

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Portfolio: [github/pages](https://ethanmachado.github.io/MyPortfolio/) | LinkedIn: [linkedin.com/in/ethan-machado](https://www.linkedin.com/in/ethan-machado-8545111b1) | GitHub: [github.com/ethanmachado](https://github.com/ethanmachado)

**Education**

## California State University, Stanislaus Turlock, CA

*Bachelor of Science in Computer Science and Engineering Expected graduation: May 2023*

*Bachelor of Arts in Economics*

*Concentration in Cybersecurity*

## Cumulative GPA: 4.0/4.0 Scale

**Technical Skills**

* Languages/Technologies: Java, HTML, CSS, Git, SQL, Wireshark, PHP, Linux, Google Cloud Services
* Areas of Interests: Software Engineering, Data Science, Cybersecurity, Web Development

**Technical Experience**

## California State University, Stanislaus Turlock, CA

*Predictive Analyst Assistant March 2022 – Present*

* Assisting in the development of time-series forecasting models to project and analyze business conditions in California’s San Joaquin Valley
* Sanitizing and amending data sets on Microsoft Excel to ensure accurate forecasting and predictive analysis

**California State University, Stanislaus Turlock, CA**

*Local Winery Wine Data Research Volunteer*  *March 2022 – Present*

* Assisting in developing a multiple regression model to determine how different chemical properties in a local winery’s wines affect consumer preference
* Using data mining, data exploration, and visualization techniques to discover trends and relationships in the data

## Fast Track Car Wash Los Banos, CA

*Team Member June 2018 – February 2022*

* Manually rinsed, scrubbed, and dried vehicles in a fast-paced environment to provide timely service
* Oversight of team members during short-staffed situations to provide needed shift management

**Software Projects**

**Project Limekist** [**Link**](https://ethanmachado.github.io/ProjectLimekist/)

* Developed and hosted a personal website on GitHub Pages using HTML and CSS showcasing the restoration of a 1971 Pontiac Firebird Formula 350

## Inventory Tracking System [Link](https://github.com/ethanmachado/InventoryTrackingSystem)

* Architected an inventory tracking system using Java and implemented the CRUD paradigm that leveraged Java AWT to display the current inventory

## Light Your Future [Link](https://www.lightyourfuture.tech/)

* Developed and hosted a sideways-scrolling game on a website using GitHub Pages and Unity WebGL
* Presented and demoed the project using Zoom for HackMerced VII judges and other participants

**Extracurriculars/Academic Achievements**

**Treasurer, California State University, Stanislaus, Computer Science Club**

**Member, California State University, Stanislaus, Economics Club**

**California State University, Stanislaus, Dean’s List Recipient**

**Best Domain Name and 3rd Place in Open Innovation Track at HackMerced VII**

**Tom Foster Memorial Scholarship Recipient, California State University, Stanislaus, Economics**