

# James Nicholas Hernandez

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## EDUCATION:

**California State University Fresno, Cumulative GPA: 3.39**

- B.S. Computer Science

Graduated December 2020

## Udemy.com

- The Complete iOS App Development Bootcamp, Complete React Developer in 2021, 2021 Complete Python Bootcamp, MERN Stack Front to Back

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## WORK EXPERIENCE:

**Supplemental Instructor for C.S. Introductory – California State University Fresno, CA**

August 2018 – 2019

- Introduce students to resources and study skills and demonstrate how to utilize them.
- Guide students to help them solve problems and understand concepts on their own.
- Model effective academic strategies.

**CSM Comp Sci. Peer Leader – College of Science and Mathematics**

August 2016

- Helped guide new incoming freshman into the College of Science and Mathematics.
- Gave freshman hands on experience for what they would expect in their chosen field.

**Irrigation Supervisor - Wilson Ranch Company, Woodlake, CA**

June 2006 – present

- Monitored and repaired the irrigation system for 135+ acre citrus ranch.
- Installed and shifted irrigation systems to irrigate fields evenly & according to crop need.
- Demonstrated and explained farm work techniques and safety regulations to several workers.

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## Current/Past Projects:

**{LATCH 2.0} – A Social Media Platform (Web Development)**

2020-present

- LATCH is a social media platform aimed towards people who are in the pursuit or already pursuing a career in any STEM field. This application will allow users to document various types of information about themselves such as experience, past projects, major, qualifications to seek and create opportunities.
- MongoDB to store and manage data using our own O-auth API, built in a MERN style architecture with mongoDB, react.js, node.js, express, and jsx.

**TierRank – A Ranking Platform (MEARN Stack App.)**

Fall 2019

- To serve the purpose of people seeing honest opinions with a ranking system for topics of their interest
- A site dedicated towards ranking events, shows, literature, games, anime, etc.

**Clima – An Introductory Weather App developed in Swift 5 (Apple Development)**

Spring 2018

- App to check current weather for current location based on iPhone GPS data and manual search function
- Built using latest apple design practices; MVC design pattern and protocol delegate design pattern

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## SKILLS AND ABILITIES:

- Experienced in presentations and public speaking
- Work well individually and with others
- Knowledgeable in Web Development Languages: Js (es6), HTML5, CSS3, SASS, MongoDB, Nodejs
- Knowledgeable in Object Oriented Languages: Swift 5, C++, Python, Js (es6)

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## HONORS & AFFILIATIONS:

- National Society of Collegiate Scholars 2016-present
- Society of Hispanic Professional Engineers (SHPE) 2020-present
- California State University Fresno President's List Spring 2016
- California State University Fresno Dean's List Fall 2016- present
- Fresno State Computer Science Club 2016-2018
- Fresno State Supplemental Instructor MVP 2018

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## PLATFORMS:

- LinkedIn- [www.linkedin.com/in/james-hernandez-1ab831204](https://www.linkedin.com/in/james-hernandez-1ab831204)
- MyWebsite- <https://james-hernandez-projects.github.io/JamesHernandez/>