

# JOSEPH MACAM

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📍 Chico, CA

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## EDUCATION

California State University Chico

**B.S. in Computer Science**

📅 Graduation: December 2021

- **Status:** Senior **GPA:** 3.628
- **Dean's Honor List** - Fall 2020

Palomar College

**A.S. in University Studies - Math and Science**

📅 Graduation: 2017

Palomar College

**A.S. in General Studies - Science and Mathematics**

📅 Graduation: 2017

## WORK EXPERIENCE

Computer Science Lab Assistant/Volunteer

**California State University Chico**

📅 01/2019 - Present

- Assisted students in debugging their assignments & demonstrating debugging methods in C++. Tutored introductory programming fundamentals with students in C++, such as pass-by-reference vs. pass-by-value and variable scope

Back of House Shift Lead

**Epic Wings**

📅 05/2013 - 08/2018

- Supervised kitchen staff and food quality
- Trained new back of house employees
- Receive and inventory supply truck deliveries
- Handled customer inquiries related to food preparation

## CLUBS & ORGANIZATIONS

- **Upsilon Pi Epsilon Honor Society** - Chico State Chapter
  - **Officer (Secretary)**
- **Ustr0** - Chico State Computer Security Club
- **ACM** - Chico State Chapter
- **ACM-W** - Chico State Chapter
- **Phi Theta Kappa Honor Society** - Palomar College Chapter

## SKILLS

- Over 3 years of **C++** and **Python** experience through coursework
- Gold Bracket (Top 15%) in **National Cyber League Fall Season 2020 Preseason**
- **Agile practices** through Software Engineering course, including Scrums, Sprints, User Stories, and Kanban Board
- **Unit testing** with Travis CI and Coveralls through Software Engineering coursework
- **Shared-memory and Direct-memory Parallel programming** with OpenMP, POSIX Threads, and MPI.
- Strong leadership skills with experience training/teaching others
- **Programming Languages:** C and C++, Python, SQL, Java, Bash, R

## PROJECTS

FamNet

**Software Engineering Group Project**

📅 01/2020 - 05/2020

A social media mobile app catered towards families.

- Role: Flutter Developer/Scrum Master
- Languages: Dart
- Developed for Android using Flutter
- Utilizes Google Firebase
- Development utilized Agile software development practices such as a Kanban board, Scrum meetings, and Sprints

Wumpus World

**Artificial Intelligence project**

📅 08/2019 - 12/2019

A logical agent program to solve a Wumpus World problem.

- Languages: C++
- Utilized knowledge base matrices and propositional logic rules