

Wildcat Navigator

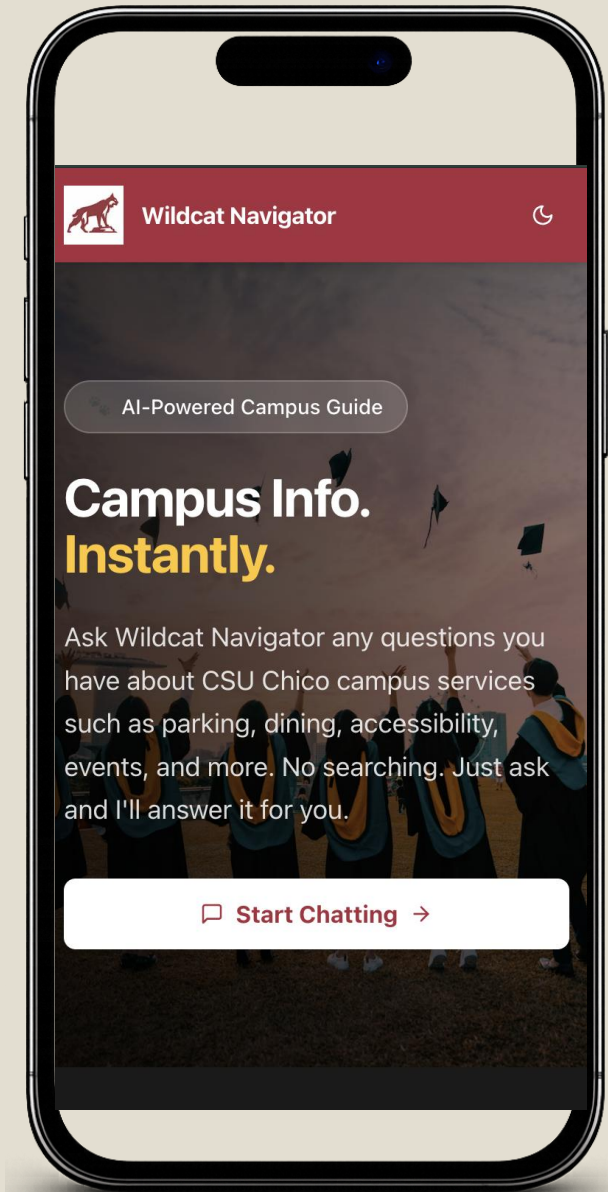
AI-Powered Campus Navigation Assistant

AI Summer Camp 2026



Presented by **Wildcat Navigators Team 5**

Helping students, visitors, and families navigate campus with AI





AI-Powered Campus Guide

Campus Info. Instantly.

Ask Wildcat Navigator any questions you have about CSU Chico campus services such as parking, dining, accessibility, events, and more. No searching. Just ask and I'll answer it for you.

[Start Chatting →](#)

TRY ASKING...

[¿Dónde puedo estacionar?](#)[How do I request accommodations?](#)[I want to rent Laxson Auditorium](#)[Where can I eat on campus?](#)

Wildcat Navigator

Making Campus Services Accessible, Discoverable, and Easy to Navigate

#9

48%

200+

300+

The Problem

The information exists—but people can't find it.

- Information scattered across websites, PDFs, and departments
- Users don't know the correct terminology
- Repeated calls and emails increase staff workload
- Accessibility barriers slow service



Who are the users?

Several different audiences are expected:

- › Students
- › Faculty
- › Staff
- › Visitors
- › Community members
- › Individuals with disabilities
- › External organizations renting facilities



Meet Sarah

A simple story illustrating the accessibility challenge.



01 Sarah is attending a concert at Chico State.

02 She needs an ASL interpreter.

03 She doesn't know which office, form, or deadline applies.

04 Our navigator guides her step-by-step.

I need Sign Language Interpreter.



Wildcat Navigator
CSU Chico

● Online



Home



About

how do I request sign language interpreter?

You

9:39 PM



Here are the steps to request a sign language interpreter at Chico State:

1. **Meet with your Accessibility Advisor:** You must first meet with an Accessibility Advisor at the Accessibility Resource Center (ARC) to determine your eligibility for sign language interpreter services. [1]
2. **Provide your class schedule:** After meeting with the Advisor, you should provide them with a copy of your class schedule. [1]
3. **Review the Services Agreement:** You will review and sign the Services for Deaf and Hard of Hearing Agreement provided by the ARC. [1]
4. **Request services through ARC Go!:** You must submit a new request for sign language interpreter services each semester through the ARC Go! portal. The request should be submitted at least 2 weeks prior to the start of the semester. [5]
5. **Notify ARC of any changes:** If your class schedule changes at any point, you need to notify the ARC immediately. [1]

Some additional guidelines:

- It's important to notify the ARC as soon as possible if you are unable to attend a class with an assigned interpreter. You can use the California Relay Service to leave a voicemail. [1]

Meet Sarah's Mom



01

Sarah's mom is visiting her and wants to get lunch together

02

She is looking for restaurants nearby

03

Our navigator gives her nearby options

Where do I eat here?

**Wildcat Navigator**
CSU Chico

Online

HomeAbout

9:50 PM

Where do I eat? You

9:50 PM



Here are some dining options for you on the Chico State campus and in the surrounding area:

On-Campus Dining:

1. [Associated Students Dining Services](#) - This is the main dining provider on campus. They offer a variety of food options, including to-go and catering services. You can also sign up for their text alerts to get notifications about free leftover food after events.
2. [El Centro](#) - This cross-cultural student center has a small cafe that serves coffee, snacks, and light meals. It's a great place to grab a quick bite.

Off-Campus Dining:

1. [Pita Pazzaz](#) - A local deli and sandwich shop that serves healthy, fresh options including vegetarian/vegan choices. They offer delivery and catering services.
2. [Celestino's Mexican Grill](#) - A popular Mexican restaurant near campus with a menu featuring burritos, tacos, and other classic dishes. They have dine-in, takeout, and delivery options.
3. [Mom's Restaurant](#) - A classic American diner serving breakfast and lunch in downtown Chico. Known for their homestyle comfort foods.
4. [The TBar](#) - A unique tea lounge and cafe that serves freshly brewed teas, tea-infused lattes, and custom fusion bowls and wraps.

Let me know if you need any other dining recommendations or have specific dietary needs I can assist with!

9:50 PM

3 Sources

Meet Tim and Joe



01 Tim's son Joe is a freshman at Chico

02 They don't know how to get to campus everyday

03 Our navigator gives them all travel options

How can my son get to campus?



Here are some options for your son to get to the Chico State campus:

1. **Walking:** Since most student housing is within a mile of campus, walking is a quick and easy way to get to campus. [1][4] The campus is also located in the heart of downtown Chico, so he can easily walk to restaurants and shops as well.
2. **Biking, Skateboarding, Scootering:** There are bike paths and lanes on campus that he can use to get around. [1][4] There are also bike racks and some newer skateboard/scooter racks available across campus. [4]
3. **Campus Shuttle:** Chico State has a free shuttle service called the "Wildcat Shuttle" that operates between the main campus and other areas like student housing. [5] This can be a convenient option to get to and from campus.
4. **B-Line Public Bus:** All Chico State students, staff, and faculty can ride the local B-Line public buses for free by swiping their Wildcat ID. [1][4] The buses have routes that go to and around the campus.
5. **Driving and Parking:** If he needs to drive, there is parking available on campus, including options like carpool, motorcycle, and electric vehicle (EV) parking passes. [1][4] The campus map shows the different parking lots and structures.

I'd recommend your son try out a few of these options to see what works best for him in terms of convenience and sustainability. The campus website has more details on the transportation options available. Let me know if you have any other questions!

11:15 PM

parking passes. [1][4] The campus map shows the different parking lots and structures.

I'd recommend your son try out a few of these options to see what works best for him in terms of convenience and sustainability. The campus website has more details on the transportation options available. Let me know if you have any other questions!

11:15 PM

3 Sources

SOURCE DOCUMENTS

Document

bus.shtml

Alternative Transportation 3. Current page: Getting to Campus # Getting to Campus Most student housing is within a mile of campus, so it is quick and easy to walk or ride to campus. The University also has vehicl...

Document

index.shtml

Within campus, it only takes about 10 minutes to walk from one side of campus to the other. Plus, there are bike paths for bikes, skateboards, and scooters as well as bus and shuttle options that go between your...

Document

oncampus-transport.shtml

On-Campus Transport (The Cart) – Accessibility Resource Center – Chico State Skip to Main Content Show search box. * Accessibility Resource Center (ARC) * About ARC * Meet the ARC Team * ARC Program...

Meet Guillermo



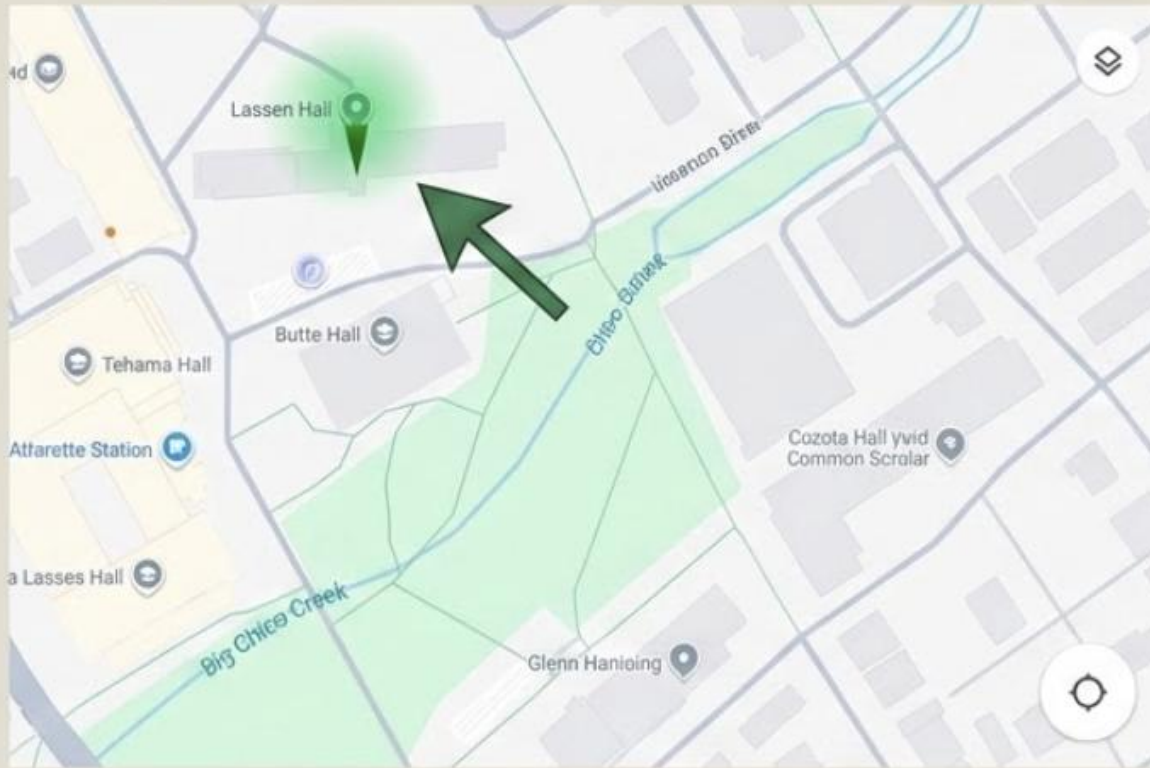
01 Guillermo is supporting his nephew at his orientation

02 He's been out for awhile, but has been struggling to find a bathroom.

03 Our navigator points him right to his destination.

Where is the nearest bathroom?

Location Context (Physical Map)

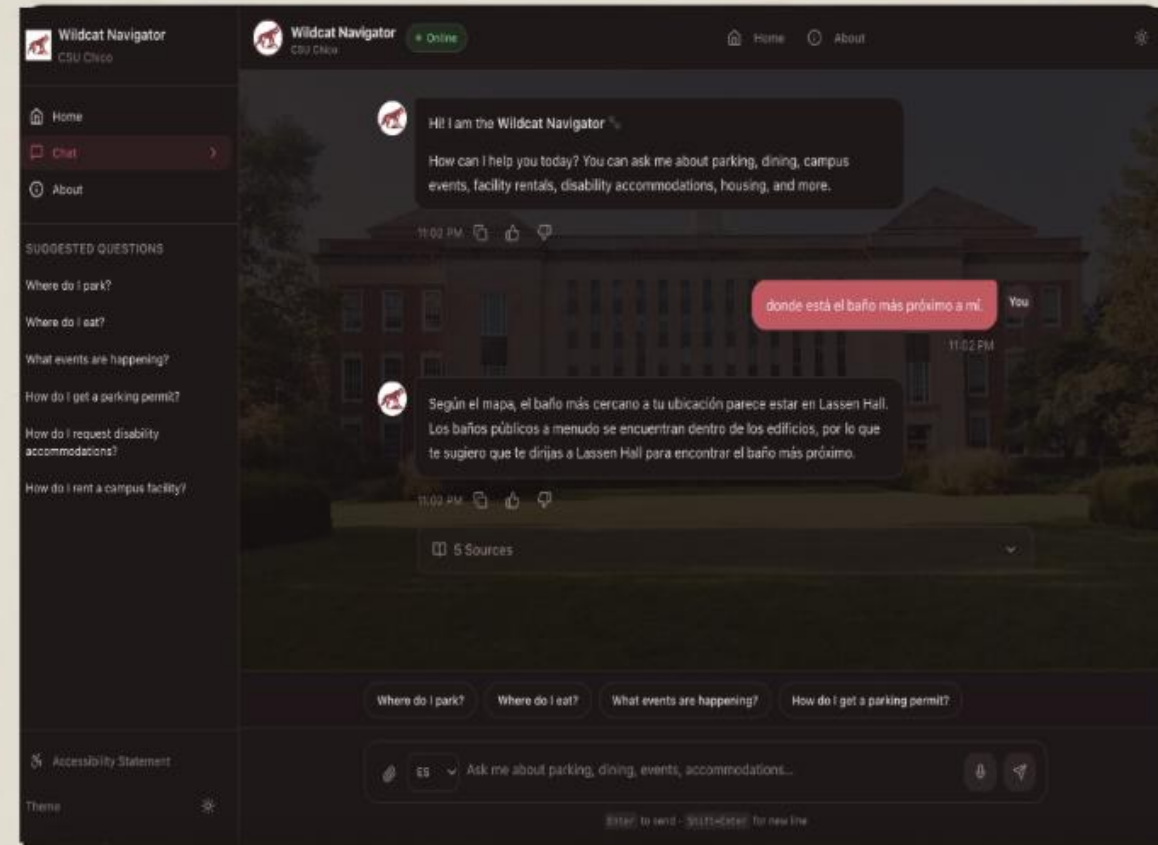


1. Detect User Location (Lassen Hall Area)



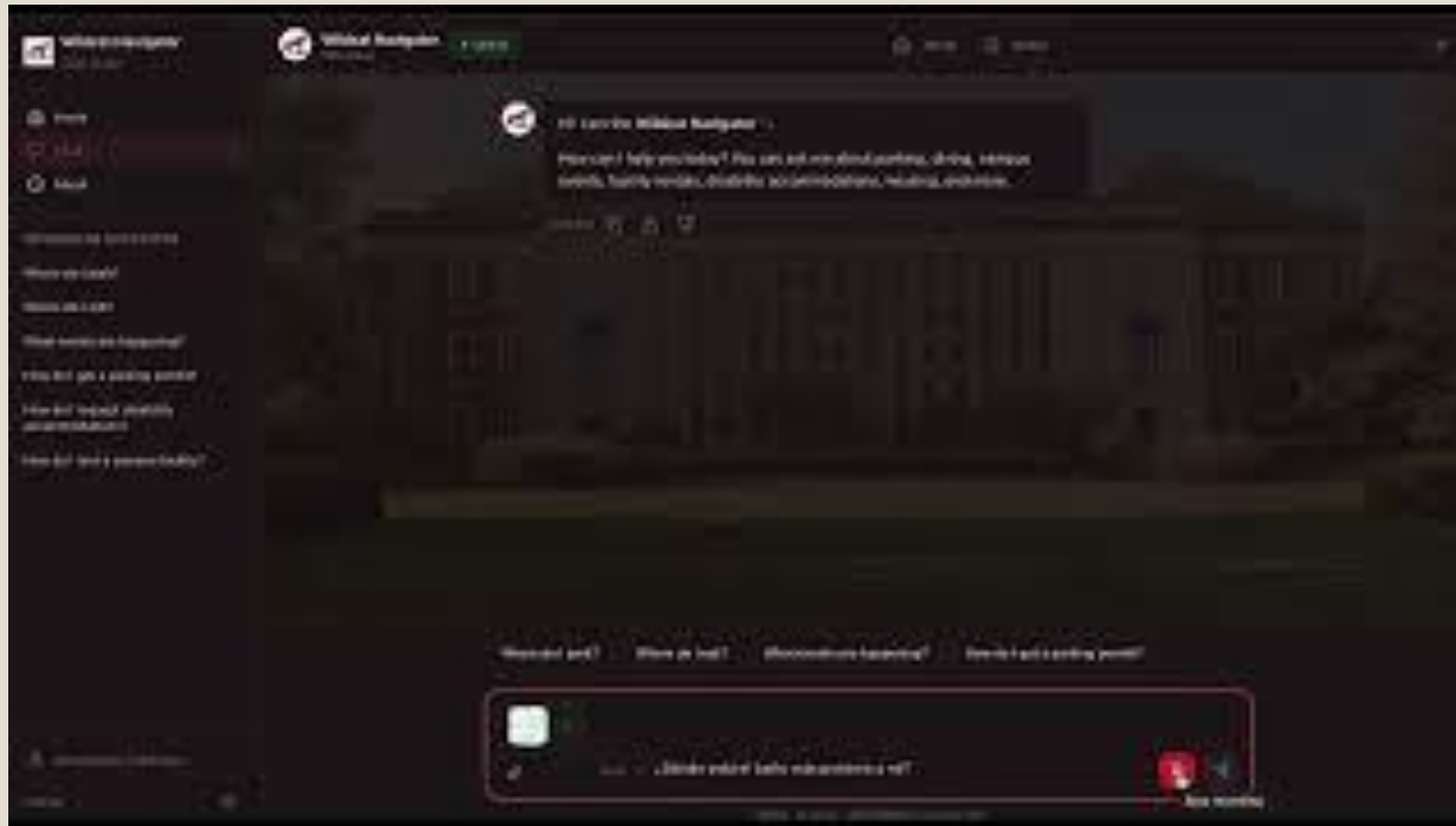
**Context-Aware
Navigation**

Conversational Intent (AI Chat)



**Multi-lingual Natural
Language Processing**

Where is the nearest bathroom? (con)



Before!!



After Wildcat Navigator!!



Our Solution

One conversational interface
for campus services.



Natural language conversations



Ground Truth over Trusted Chico State content



Source citations



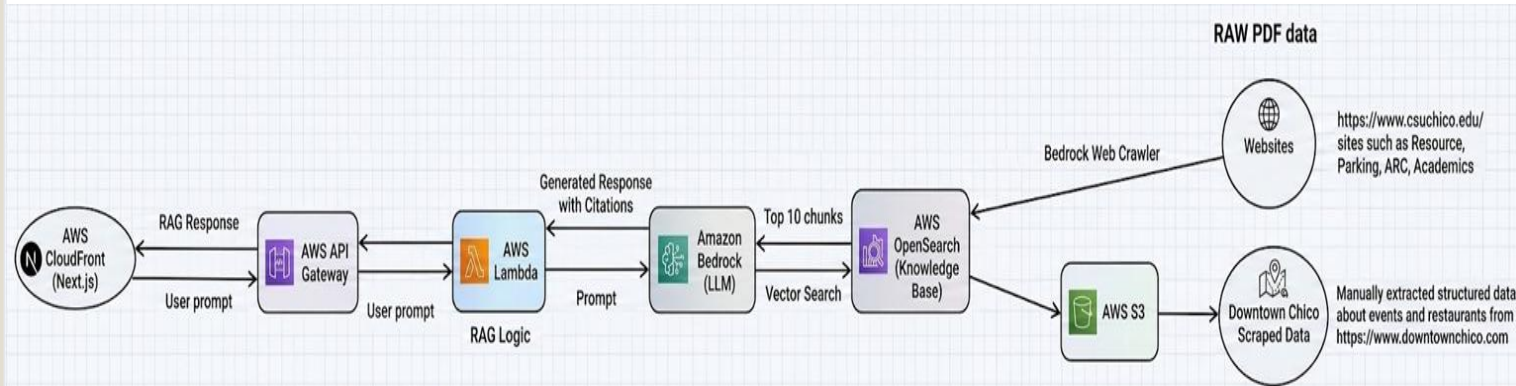
Workflow checklists



Intelligent routing

Architecture

AWS-powered system architecture for Wildcat Navigator



Robust RAG Pipeline Flow

User queries route through AWS CloudFront and API Gateway to AWS Lambda, which coordinates context retrieval from AWS OpenSearch and generation via Amazon Bedrock (LLM) to deliver high-fidelity, fully cited answers.

AWS Services Used

- ⚡ AWS Lambda
- 🧠 Amazon Bedrock
- 🔍 AWS OpenSearch
- 🌐 AWS CloudFront
- 📦 AWS S3

Benefits

Value for students, staff, visitors, and Chico State.



Improved accessibility

Ensuring all students and visitors can seamlessly navigate and utilize vital resources by surfacing deeply nested information.



Reduced staff workload

Automating repetitive administrative requests to free up valuable team capacity.



Better user experience

Delivering intuitive, and accurate solutions 24/7.



Scalable across CSU

Designed on a flexible architecture that can be used for system-wide adoption.

THANK YOU!!



Jon Kim
CSU Northridge



Shareen Rodrigues
San Jose State



Bradley Haraguchi
San Jose State



Jared Aung
San Francisco State

