

# ANDRES CONTRERAS

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GitHub: [andrecon](#)



Website: <https://andrescon.com>

## LANGUAGES

Fluent in English and Spanish

## EDUCATION

**California State University, Chico**

**May 2020**

Bachelor of Science, Computer Science

**Related Courses:** Computer Networks and Network Management, Computer Security, Algorithms and Data Structures, Numerical/Parallel Programming, Computer Architect/Performance, Introduction to Databases, Compiler Design and Embedded Systems Development.

## TECHNICAL SKILLS

**Languages:** C++, C#, Python, R

**Database:** MySQL, MongoDB, SQLite, MariaDB

**Frameworks:** Pytest, Django, Express, Electron, Node, Vue, Bootstrap, ASP.NET Core

**Familiar:** Java, Docker, Swift, C, HTML5, JavaScript, CSS, XML, ES6

## EXPERIENCE

**U'Pick, Chico (Mobile/Web Developer)**

**August 2018 – December 2018**

Helped designed a new automotive dealership application using C++ and C# in a Scrum-based environment. Updated the official website with current testimonials, images and email forms using HTML and PHP.

## PROJECTS

**Personal Website - [andrescon.com](https://andrescon.com)**

**January 2018 – Present**

Learned web programming fundamentals using HTML, CSS, and JavaScript to create a static website. Portfolio displaying personal projects, certifications, and achievements over the course of my college career.

**Github Repository:** <https://github.com/andrecon/My-Website>

**TKE Website - <https://35.230.70.192/>**

**August 2019 - December 2019**

Utilized Docker and Django to create a philanthropic-based website hosted on Google Cloud Services. Allows members to create/join philanthropy events, publish images about the events and use a live chat system to stay connected.

**Github Repository:** <https://github.com/andrecon/TKE-Website>

**SmartMirror (GUI)**

**January 2019 - May 2019**

Developed the SmartMirror using Python's cross-platform GUI library, PyQt5, on a Raspberry PI Model B. Capable of providing important information like Google Calendar events, emails and weather information. Used Pytest to automate unit testing that validated information from internal helper methods.

**Github Repository:** <https://github.com/ChicoState/SmartMirror>

## CERTIFICATIONS

**MongoDB Course** - MongoDB University

**January 2020**

**HTML Level 1 Qualification** - Cambridge Certification Authority

**January 2018**

## AWARDS/ACTIVITIES

**Tech Startup Award**

**Spring 2019**

Best idea and development of an entrepreneurial software product.

**Usr0 - Computer Security**

**Spring 2017 - Present**

Keynote style presentations with prepared activities.

**ACM - Association for Computing Machinery**

**Spring 2016 - Fall 2017**

Practiced solving HackerRank style programming questions and hosting programming events.

**Mechanical Keyboard Club**

**Spring 2016 - Fall 2017**

Designed, assembled and maintained mechanical keyboards.