

# ADRIAN HERNANDEZ

Arleta, CA ♦ [adrian.hernandez.0@gmail.com](mailto:adrian.hernandez.0@gmail.com) ♦ (818) 987-3236 ♦ [/in/adrian-hernandez-bba5621b7/](https://in/adrian-hernandez-bba5621b7/)

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## EDUCATION

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California State University, Northridge – Northridge, CA  
Bachelor of Science, Computer Science

May 2022

## TECHNICAL COURSES

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|---------------------------------|------------------------------------------|--------------------------------------|
| • Algorithm Design and Analysis | • Swift 5: Protocol-Oriented Programming | • Data Structures and Program Design |
| • Languages and Computation     | • Programming Language Concepts          | • Network Infrastructure             |

## TECHNICAL SKILLS

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- Programming Language: Java, Swift, Bash, Dart, and C
- Web Design: HTML, CSS, JavaScript, PSD
- Other: Amazon Web Services, API, JSON, MySQL, LAMP Stack

## WORK EXPERIENCE

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CSUN HHD-Tech Support – Northridge, CA

June 2018 – May 2022

### Computer Technician

HHD-Tech is a sub-section of the CSUN IT Department that supports the College of Health and Human Development (“College”), which consists of 326 faculty and staff (“users”).

- Troubleshooted hardware, network, and software issues for faculty and staff
- Diagnosed and resolved a range of technical issues within short time frame during professor lectures
- Provided remote support to on and off campus users with Remote Desktop Connection and Bomgar
- Configured new computers to University specifications using Microsoft Deployment Tool
- Managed the College’s hardware device inventory database using Asset Panda
- Generated and summarized inventory reports to identify hardware devices in need of replacement
- Maintained drivers and software for 108 computers across three HHD-Tech computer labs
- Binded computers to the CSUN Domain using CSUN’s Active Directory
- Migrated the College’s server data from a local server to Microsoft OneDrive

## PROJECTS

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**WAC** | <https://github.com/csun-comp430-s22/WAC>

A compiler that converts a made-up Java-like language (WAC) into C code. The language includes class based inheritance, subtyping, and method overloading.

Language: Java

Tools: Apache Maven

- Contributed to the development of the WAC language syntax
- Utilized Maven Plugin Tools to test code to maximize branch and code coverage
- Worked with my group in creating portions of the Lexer, Parser, and Typechecker

**TastEZ** | <https://github.com/GreenNovaStar/TastEZ>

A mobile recipe application that incorporates wine pairing to elevate the user’s cooking experience.

Language: Dart

Framework: Flutter

- Designed the UI/UX of the project to begin the development process
- Contributed to the front-end design and development of the recipe page
- Created user friendly tutorials to assist in navigating and understanding application functionality
- Developed the recipe search functionality and filter options with my team leader
- Retrieved and displayed user search results via API calls using a recipe API, Spoonacular