

Gonzalo Garcia

Education

AS Computer Programming- Completed 2023 @ Butte College

Courses / Exp.

CSCI-02 – Business & Computer Information Systems-MS Excel, Photoshop editors, Python, waterfall methodology.

CSCI-10 – Computer Architecture/Organization-HLA, Bit registers, flipping bits, bitwise operators, flags.

CSCI-11 – Intro to Game Design-Game Logic, teamwork, project management, time management.

CSCI-20 – Programming & Algorithms 1-Golang, OOP, AWS, GitHub.

CSCI-21 – Programming & Algorithms 2 -C++, Unit testing, Linked Lists, Pointers, Nodes, Linked Trees, Encapsulation, Polymorphism, Inheritance, Scope, Algorithms, Abstraction, Overloading, Data Structures.

CSCI-31 – Web Development 1-HTML, CSS, Mobile First development, JavaScript, Flexbox, Grids.

CSCI-32 – Web Development 2- JavaScript, CSS Frameworks, BootStrap, Bulma, npm, Express, cheerio, passport, nodemon, node.js, MVC model.

CSCI-36 – Programming Project- Working as a team, setting and meeting deadlines, group meetings to discuss features and progress.

CSCI-49 – PC's & Peripherals/A+ - IT support, computer maintenance, Troubleshooting, Linux

CSCI-25 – Linux 1 – Terminal comfortability, VIM, Scripts, Path vs path.

Projects

Butte College SLO(student learning objective) tracker

GitHub repo - <https://github.com/VicaWorth/csci-36>

Contributions – DBA (database administrator), Backend developer, redesigned DB to improve scraping time, JavaScript code to order SLO's by date.

PERSONAL GitHub repo - <https://github.com/thatonekidgonzo>

Personal Projects - Recipe web app, Dog Dating Site(adoption) web app, Professional websites, Text adventure games, Web Scraping, To do List.

Address 820 Pearson Rd. Paradise, CA 95969

Phone (530) 630-8320

Email ggarcia011@student.butte.edu

GitHub <https://github.com/thatonekidgonzo>

LinkedIn <https://www.linkedin.com/in/gonzalo-garcia-4671ba239/>

Programming Languages

C++ (1 semester)

Experience with - Pointers, Linked Lists, Algorithms, Encapsulation, Polymorphism, Recursion, Inheritance, Abstractions, Data Structures, OOP programming, Unit testing.

JavaScript (2 semesters)

Experience with – Node, Express, cheerio, nodemon, passport, npm.

HTML, CSS (2 semesters)

Experience with – Flexbox, Grid, Mobile First, Bulma, Bootstrap.

Golang (1 semester)

Experience with – static typing, goroutines, classes, slices.

HLA (High Level Assembly) (1 semester)

Experience with – x86, Bit manipulation, bit registers AL, AH, AX, EAX, EBX, error flagging, Flipping bits with Bitwise Operators, Conversion between Hex, Dec, binary.

Python (1 semester)

Experience with – Prototyping, Indentation, Methods, Library Implementation.

TECH / Methodologies

JSON- GitHub – Linux – AWS IDE – Visual Studio Code - Agile methodology – MVC model - CRUD Design – DBMS – ERD's – MySQL – NoSQL – MongoDB – PHP – Waterfall methodology – VIM – Virtual Machines – Microsoft Teams – Zen hub – Project Management Tools.