

# Victor U. Ramirez-Garcia

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## EDUCATION

**Portland State University** – Portland, OR September 2022 – Present  
Bachelor of Science in Computer Science GPA: 3.82/4.00  
President's List: 3 Quarters – Dean's List: 3 Quarters

**Benjamin Franklin High School** – Portland, OR June 2022

## SKILLS

**Programming Languages:** Python, C, C++, HTML, CSS, JavaScript, Java, MySQL, Assembly, TypeScript

**Frameworks:** MERN stack, Jest, Django, Flask, Bootstrap

**Other:** Visual Studio Code, Linux Commands, Agile Methodologies, Git, GitHub, VI Editor

## RELEVANT COURSEWORK

**Computer Science:** Intro to Web Development, Intro to Computer Security, Elements of Software Engineering

**Writing:** Technical Report Writing

## EXPERIENCE

**Full-Stack Developer Certificate** | *Coding Dojo* | Portland, OR June 2022 – September 2022

- Implemented and designed non-responsive web layouts using HTML, CSS, and JavaScript
- Went through an immersive Full-Stack Training Program in Python, Java, and MERN
- Used Python and MySQL to implement a full-stack application

**Learning Security Through Games Intern** | *Saturday Academy* | Remote June 2021 – August 2021

- Learned the core essentials of cloud security, security breaches, Linux commands, CTF, and Code Labs
- Analyzed and set up instructions for the Cloud Audit CTFs
- Designed a CTF level
- Contributed to the National Science Foundation project: *SaTC: EDU: Curricula and CTF Exercises for Teaching Smart Fuzzing and Symbolic Execution, 2021*

## PROJECTS

### Instant Messaging App

- Programmed a MERN stack project that covers the essential functionalities for an application resembling Slack
- Used Express.js and sockets to create a server that accepts connections from clients and delivers real-time messages between users over the internet
- Constructed React components where users can send and receive messages to other clients through the server

### Ballbox

- Developed a Flask application that lets you create animated boxes with moving circles
- Designed templates for web pages and programmed animated boxes with HTML, CSS, JavaScript, and Django
- Programmed a controller with different routes to navigate through the web application using Flask
- Designed box and user models using PyMySQL and class methods with MySQL queries to access and retrieve data

### My High School Website

- Designed and programmed a website using HTML, CSS, and JavaScript, where I posted my high school digital projects (Link: [548.digitalfhs.com](https://548.digitalfhs.com))

## EXTRACURRICULARS

**PSUSec Club** | Member | Portland, OR September 2024 – Present

- Completed one CTF challenge in an IRON CTF 2024 competition
- Competed in the Pointer Overflow CTF 2025 and x3c.tf 2025 competitions