

# Levin E. Sánchez Willems

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## EDUCATION

Northeastern University, Boston, MA

May 2025

Bachelor of Science, Computer Science and Business Administration | GPA: 4.00 / 4.00

**Related Coursework:** Fundamentals of Computer Science I & II; AP Computer Science A (Test score: 5); Discrete Mathematics; Calculus I

**Awards & Recognition:** Discovery Scholarship Award (NSBE); AP Scholar with Distinction; Cum Laude Society

**Clubs & Organizations:** National Society of Black Engineers, Society of Hispanic Prof. Engineers, ColorStack, Disrupt (FinTech Club).

## SKILLS

**Programming**

Java • JavaScript • DrRacket • PHP • Python

**Web & Database**

HTML • CSS • XAMPP • Figma

**Languages**

English • Spanish • German • French

## PROJECTS

**SmartX: Budgeting App**

Jan. - Apr. 2022

Founder | [\(Pitch\)](#)

- Initiated a budgeting application that makes use of Artificial Intelligence and APIs to create personalized budgets.
- Earned a prize of \$1000 USD at a start-up competition to further develop our budgeting application.

**10 Bullets Game**

Feb. 2022

Back-end Developer | [\(Video\)](#) — [\(GitHub\)](#)

- Programmed in **Java** a fully functional game making use of java's image and world libraries for its visual representation.
- Integrated 10+ recursive algorithms able to check for collisions, split a bullet into multiple bullets, and add pieces to screen.
- Designed multiple layers of classes that worked seamlessly together by using dynamic dispatch.

**Sudoku Generator & Solver**

Dec. 2021

Back-end Developer | [\(Video\)](#) — [\(GitHub\)](#)

- Used **Java** to develop an algorithm able to create and/or solve every possible valid Sudoku board.
- Implemented recursion techniques, like backtracking, to develop an algorithm able to instantly solve any valid Sudoku board.
- Created a Sudoku generator with the solving algorithm, to produce a random and valid Sudoku board.

**Levin Sanchez Portfolio Website**

Dec. 2021

Full-stack Developer | [\(Website\)](#) — [\(GitHub\)](#)

- Incorporated **HTML**, **CSS**, and **JavaScript** to create a personal high-quality website intended to serve as a portfolio.
- Launched my personal website, which is now up and running and open to the public on the internet.

**PantherHack**, Princeton Day School Hackathon

Apr. 2021

Full-stack Developer | [\(Game\)](#)

- Utilized **JavaScript** to develop a completely functional and interactive "choose your own adventure" history-quest game.
- Integrated media and design libraries from "Code.org" for the game's visual representation and design.
- Designed a user-friendly interface that functioned seemingly in each of the game's screens.

**Penny Pitch**

Mar. 2021

Back-end Developer | [\(Video\)](#) — [\(GitHub\)](#)

- Used **Java** to create a functional and interactive a prize-winning Penny Pitch game.
- Implemented iteration techniques, like count and condition-controlled loops, to determine the position of the pieces and the winner of the game.

## LEADERSHIP & VOLUNTEER EXPERIENCE

**ColorStack** – Remote

Mar. 2022 – Present

Fellow

- Actively contribute and engage in a community focused on community building, the academic support, and the career development of over 1600 Black and Latinx computer science undergraduate students dedicated to pursuing technical careers upon graduation.

**Disrupt - The FinTech Initiative at Northeastern University** – Boston, MA

Feb. 2022 – Present

FIN4 Cohort Member

- Participating in workshops, learning both entrepreneurial and technical skills to build a FinTech startup.

**HeadStart Fellowship** – Remote

Jan. 2022 – Present

Fellow

- Chosen to participate in a selective career development fellowship program for underrepresented students with outstanding leadership and potential in business careers.
- Completed customized course curriculum including regular seminars, individual mentorship sessions and written assignments designed to build and advance the skills necessary for success in targeted industry jobs.
- Gained extensive knowledge of specific functional areas within the technology, consulting, and finance industry and formed relationships with top executives presenting monthly to fellows.