Levin E. Sánchez Willems

LinkedIn │ GitHub │ Website │ +1 (609) 610-7625 │ sanchez.le@northeastern.edu

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, Business Statistics; Financial Accounting and Reporting.

SKILLS

Programming	Java • JavaScript • DrRacket • PHP • Python
Web & Database	HTML • CSS • XAMPP
Languages	English • Spanish • German • French

RELEVANT EXPERIENCE

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.

SC Uckerath   Apr. – June 2018
Full-stack Developer │ (GitHub)
- Incorporated **HTML**, **PHP** and **CSS** to design and code a sample prototype website for the soccer club of Uckerath, Germany.
- Used XAMPP to transition from a local test server to a live server and run the properties of PHP programming.

LEADERSHIP & VOLUNTEER EXPERIENCE

HeadStart Fellowship – *Remote*   Jan. 2022 – Present
Fellow
- Chosen from a large pool of applicants as of 40 fellows to participate in the nation-wide Technology, Finance, and Consulting HeadStart Fellowship program.
- Participate in various weekly fellowship meetings while expanding my professional knowledge about the technology industry.

Black Engineering Student Society (NSBE) – *Boston, MA*   Sept. 2021 – Present
Member
- Attend weekly meetings and participating in activities with the goal to increase support for Black Engineering students.

Society for Hispanic Professional Engineers (SHPE) – *Boston, MA*   Sept. 2021 – Present
Member
- Attend weekly meetings and participating in activities with the goal to increase support for Hispanic Engineering students.

Study Engine – *Princeton, NJ*   Mar. 2020 – June 2021
Volunteer
- Tutored children of those working on the frontline during the COVID-19 pandemic.

Relay for Life – *Princeton, NJ*   Dec. 2019 – May 2021
Co-Leader
- Communicated with directors to organize The Relay for Life Run at my high school.

Varsity/Club Soccer – *Princeton, NJ*   Sept. 2019 – May 2021
Captain
- Captain of my high school's soccer varsity team and the ECNL (Match Fit Academy) during the spring season.
- Honorable mention New Jersey All-Prep Senior Year.

Related links: linkedin.com/in/levin-sánchez │ https://github.com/levin0710 │ https://levin0710.github.io/