

LUCAS NICOLAS LUGONES

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[LinkedIn](#) | [GitHub](#) | [Personal Webpage](#)

<https://www.linkedin.com/in/lucas-lugones/> | <https://github.com/LucasNLS> | <https://lucasnls.github.io/personal-website/>

EDUCATION

Columbia University | Cumulative GPA 3.7

New York, NY

Bachelor of Science: Computer Science

May 2025

Awards: Downes Scholarship recipient 2022-2023, Society of American Military Engineers Scholarship

Study Abroad: Universidad Carlos III de Madrid, Madrid Spain

January 2023-June 2023

Relevant Coursework: Honors Data Structures, Advanced Programming, Computational Linear Algebra, Operating Systems, Introduction to Databases, Computer Science Theory, Fundamentals of Computer Systems, Digital Game Design, Parallel Optimization for Robotics, Programming Languages and Translators.

TECHNICAL SKILLS

Programming Languages: Proficient - Java, C, Python, C++; Familiar - JavaScript, HTML, CSS, Swift, Objective-C, SQL, OCaml.

Software: Eclipse, Visual Studio, Git, React, Node.js, Express, Unity, CUDA.

PROFESSIONAL EXPERIENCE

LinkedIn | *Software Engineering Intern (Backend)* | Sunnyvale, CA

May 2024-Present

- Implemented Push Notifications for Abandoned Jobs (jobs that users start, but do not complete posting) using Java and LinkedIn tech stacks. This initiative led to a 2M increase in created jobs, and a prospective annualized revenue of \$1.5M.
- Designed and ramped an A/B test for Push Notifications of Unfinished Jobs to assess their effectiveness, and notification strategy.

Columbia University | *Engineering Recruitment Committee* | New York, NY

October 2022-Present

- Host virtual information sessions, panels, and webinars with prospective engineering students.
- Lead weekly campus tours around key engineering sites at Columbia University.

E-Z Claims | *IT Coordinator* | Boca Raton, FL (virtual)

December 2020-May 2024

- Developed a program in Python that automates payments from 20 doctors to insurance companies within the billing platform, saving the company approximately 6,250 hours of work per year.
- Organize patient data, payments, and denials encountered along the way.

TECHNICAL PROJECTS

Static Python (Pyⁿ) | OCaml

- Fully Functional programming language with a scanner, parser, and semantics checker designed, and tested using OCaml.

Calculator | HTML, JavaScript, CSS

- Calculator developed with adding, subtracting, dividing, and multiplying functionality.

Etch-A-Sketch | HTML, JavaScript, CSS

- Etch-A-Sketch that changes color when hovered, and changes grid size depending on user input.

Dynamic and Static Web Server | C

- Project developed for Advanced Programming with front-end, and back-end functionality, which uses a database organized by linked lists for easier access.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow | *Career Prep Fellow* | Washington, D.C.

February 2022 - Present

- Selected as one of 1,000 for an 18-month professional development program for high-achieving diverse talent.
- Complete business case studies and intensive projects to hone analytical, quantitative and communication skills.

Leading Hispanics in STEM | *Student Body* | New York, NY

September 2022-Present

- Attend weekly meetings and help create a diverse and welcoming environment.
- Promote ideas in STEM with students who identify as Hispanic by attending leadership, and work conferences.

IBM | *IBM Accelerate Participant* | Remote

June 2023-August 2023

- Learned skills from software developers at IBM by reinforcing skills such as JavaScript, HTML, CSS, React, and Node.js.
- Practiced networking, leadership, and effective collaboration.

Columbia University | *Orientation Leader* | New York, NY

September 2022-October 2022

- Helped a group of 18 students transition to Columbia University by learning about the school, and college life.
- Passed Knowledge to Engineering Students about my work as a student in the field of Computer Science.

AFFILIATIONS & SKILLS

Affiliations: Leading Hispanics in STEM (SHPE), Robotics Club, Columbia University Performing Arts League, Colorstack.

Language: Spanish (spoken and written)