

Joel Lozano

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<https://joel-lozano.github.io>

Columbia University graduate with a B.A. double concentration in Computer Science and Environmental Science. Fundamental knowledge of data science and analytics. Enthusiastic about learning web architecture and programming paradigms. Seeking a full-time backend or fullstack engineering position at a dynamic company or fast-growing startup.

PROFESSIONAL EXPERIENCE

NIANTIC

Surveyor – Short Term Contract Position

New York, NY
Mar 2023 – Present

- Scanned specified locations contributing to a 3D map of the world that will enable developers to create AR experiences accurately tethered to physical locations
- Exceeded SLA for scans, thereby delivering data ahead of schedule
- Generated comprehensive bug reports to assist in software development

COLUMBIA LAW SCHOOL OFFICE OF INTERNATIONAL PROGRAMS

Administrative Assistant

New York, NY
Sep 2019 – Sep 2022

- Managed applications to all Columbia Law School study abroad programs
- Maintained office record databases and generated financial reports
- Served as lead correspondence liaison for students and administrators from foreign institutions

COLUMBIA DAILY SPECTATOR

Copy Editor

New York, NY
Jan 2019 – May 2019

- Edited articles for grammatical, typographical, and stylistic errors
- Ensured adherence to the Associated Press style guide and factual accuracy
- Worked cross-functionally with other departments to maintain consistency and clarity

SOFTWARE PROJECTS

- Web Design Projects** – Live demos accessible from portfolio website.
HTML, CSS, JavaScript, TypeScript, React.js, Node.js, Express.js, MongoDB
 - To-do list with task priority and sorting by various criteria
 - Fullstack message board with user authentication
- Web Scraper** – <https://bit.ly/43CeZW3>
Python, Bing Web Search API, BeautifulSoup, sqlite3
 - Searches relevant terms on Bing and scrapes resulting webpages for contact information
 - Stores scraped information in persistent database
 - Sends formatted results over email for user convenience
- HTTP Client & Server** – <https://bit.ly/3K3c3ug>, <https://bit.ly/3YKMJNs>
 - Client downloads files from a given URL to the current working directory
 - Server sends files to remote clients through web browsers

PROGRAMMING LANGUAGES/SKILLS

TypeScript, JavaScript, React.js, Node.js, Express.js, Python, Pandas, NumPy, BeautifulSoup, Java, HTML, CSS, SQL, C, C++, APIs, Data Structures and Algorithms, Git, Bash, UNIX Systems, MongoDB, Microsoft Azure, Figma

EDUCATION

COLUMBIA UNIVERSITY

Bachelor of Arts in Computer Science, Environmental Science

New York, NY
May 2022

DOSHISHA UNIVERSITY – VIA COLUMBIA UNIVERSITY STUDY ABROAD

Kyoto Consortium for Japanese Studies

Kyoto, Japan
May 2019 – Jul 2019

LANGUAGES

English – Native. Spanish – Native. Japanese – Advanced.

INTERESTS

Soccer, bass guitar, FL Studio, art, travel, artificial intelligence, cooking steak