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

VG SYSTEMS   **New York, NY**
Artificial Intelligence (AI)/Machine Learning (ML) Intern   *Jun 2023 – Aug 2023*
- Spearheaded CI/CD development of an AI-powered application, independently handling design, code, and deployment
- Integrated ChatGPT, Dall-E, and Microsoft Speech Service into a single product
- Embraced agile methodologies to ensure code integrity and product quality

NIANTIC   **New York, NY**
Surveyor – Short Term Contract Position   *Mar 2023 – Apr 2023*
- 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   **New York, NY**
Director's Assistant   *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

SOFTWARE PROJECTS

- **Web Development Projects** – https://joel-lozano.github.io/#/projects
  HTML, CSS, JavaScript, TypeScript, React.js, Node.js, Express.js, MongoDB, APIs
  - ChatGPT-connected article generator, 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 and sends results over email
- **HTTP Client & Server** – https://bit.ly/3K3c3ug, https://bit.ly/3YKMJNs
  - Client downloads files from a given URL, server sends files to remote clients through web browsers

PROGRAMMING LANGUAGES/SKILLS

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

EDUCATION

COLUMBIA UNIVERSITY   **New York, NY**
Bachelor of Arts in Computer Science, Environmental Science   *May 2022*

DOSHISHA UNIVERSITY – VIA COLUMBIA UNIVERSITY STUDY ABROAD   **Kyoto, Japan**
Kyoto Consortium for Japanese Studies   *May 2019 – Jul 2019*

CERTIFICATIONS
Microsoft Azure AI Fundamentals (AI-900)

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

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