

# Sedona Thomas

[sedona.thomas@columbia.edu](mailto:sedona.thomas@columbia.edu) · (949) 382-5584 · [www.sedonathomas.com/](http://www.sedonathomas.com/) · [LinkedIn](#) · [Github](#) · [Up-To-Date Resume](#)

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May 11, 2021

To Whom It May Concern:

**About Me:** I am a rising senior majoring in computer science and human rights with specialization in women's studies at Columbia University Fu Foundation School of Engineering and Applied Science. I am pursuing a 5-year dual degree between the engineering school and the humanities school. I am involved in various student groups on campus: the Society of Women Engineers, Women in Computer Science, iQ (a STEM group for LGBTQ+ students), and the Columbia Application Development Initiative.

**Interests:** I am very passionate about ethical technologies and have experience with artificial intelligence, database management, cybersecurity, cryptography, and data structures. My current plans include pursuing a human rights thesis focusing on the human rights implications of artificial intelligence and data mining practices.

**Skills:**

- **Programming:** Python, Java, C, C++, Makefiles, Bash, Zshell, Git, HTML5/CSS, JSON, SQL, Flask, PostgreSQL, UNIX Systems, Shell Scripting, LaTeX, MIPS Assembly Language, MATLAB, and Source Control
- **General Experience:** artificial intelligence, machine learning, natural language processing, automation, data structures, algorithms, object-oriented programming, data visualization, software testing/debugging, database management, entity-relationship modeling, UI/UX design, web development/design, and technical support
- **Software Experience:** MacOS, Windows 10, Linux, Google Cloud Platform (GCP), Burp Suite, Ubuntu, WordPress, Hashcat, Sqlmap, and Wolfram Mathematica
- **Language Experience:** working knowledge of French and some rudimentary background in Spanish

**Relevant Coursework:** I have experience with both frontend and backend design. My courses have specifically focused on artificial intelligence, natural language processing, databases, and cryptography. I also have experience with designing a web server from scratch. Next semester, my courses will focus on programming languages and translators, object-oriented design, computer security, software engineering, and user interface design. My focus on both computer science and human rights has given me a unique perspective not only in how to design programs but also how to analyze their overall impact on users. More information about specific courses can be found on my website and LinkedIn.

My attached resume expands on my skill set and accomplishments. I am actively seeking job opportunities and am open to any inquiries or more information.

Thank you for your time and consideration. I hope to hear from you soon.

Sincerely,

Sedona Thomas