



## Madeleine B. Weber

Consultant

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## Background

Madeleine Weber is a consultant on the intellectual property litigation team at Elysium Digital.

Madeleine received her B.S. in computer engineering from West Virginia University and her M.S. in electrical and computer engineering from Purdue University. While at Purdue University, Madeleine received the Maxine and Edward Nichols Fellowship to help fund her education.

Before joining Elysium Digital, Madeleine served as an intern at NASA for three years. During her time at NASA, Madeleine worked on software to increase the use of static code analysis as part of NASA's IV&V processes. She was awarded an Excellence in Values Award and an Excellence in Static Code Analysis Research Award during her internship.

## Professional Experience

- Elysium Digital, LLC, a subsidiary of Aon Corporation, Consultant, 2023 – Present
- NASA, Static Code Analysis R&D Fellow, 2020 – 2023
- WVU Upward Bound, Academic Coordinator, 2020
- WVU Statler IT, Computer Lab Proctor, 2019 – 2020
- WVU Research Apprenticeship Program, Research Assistant, 2018 – 2019

## Education

- M.S., Electrical and Computer Engineering, Purdue University, 2023
- B.S., Computer Engineering, West Virginia University, 2022

## Speaking Engagements

- "Checker Selection Tool Update." Madeleine B. Weber. Presentation at Static Code Analysis Summit, NASA IV&V, January 2023.
- "Technical Discussion - SCA R&D: The Next Generation of IV&V SCA." Madeleine B. Weber. Presentation at NASA IV&V, June 2022.
- "CST: A Tool for Improving the Efficiency and Effectiveness of Static Code Analysis Tools." Madeleine B. Weber. Presentation at NASA Intern Symposium, July 2021.

- "V. Implementation of Virtual Reality and Leap Motion Capture in Stroke Patient Therapy."  
Madeleine B. Weber. Poster presentation at: WVU Research Symposium, Morgantown, WV, April 2019.

## **Awards and Recognition**

- Maxine and Edward Nichols Fellowship, Purdue University