

Samuel Goldsmith

(860) 478-3791 | Srgoldsmith@wpi.edu | [linkedin.com/in/samuel-r-goldsmith](https://www.linkedin.com/in/samuel-r-goldsmith)

EDUCATION

Worcester Polytechnic Institute

Worcester, MA

Bachelor of Science in Computer Science (BS/MS Program), GPA: 3.76/4.0

May 2027

Master of Science in Artificial Intelligence

May 2027

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Kotlin, TypeScript, JavaScript, SQL, HTML/CSS

Frameworks & Libraries: Vue.js, React, Next.js, Flask, Node.js, PyTorch, NumPy, scikit-learn, JUnit, Selenium

Developer Tools: Git, Google Cloud Platform, IntelliJ, VS Code, PyCharm, Eclipse, WebStorm, Azure DevOps

Methodologies: Agile Development, Pair Programming, Test-Driven Development

EXPERIENCE

Owner

May 2024 – Present

Deck Doctors

Longmeadow, MA

- Created targeted marketing campaigns across Facebook, Instagram, and print, generating **5,000+ ad interactions** and **90,000+ impressions annually**.
- Designed and maintain company website, producing **90+ customer estimates per year** and driving consistent project leads.
- Managed and executed **4+ renovation projects weekly**, from quoting to completion, ensuring high customer satisfaction.
- Fabricated branded signs, merchandise, and workwear to increase local recognition and professionalism.

Software Developer Intern

May 2025 – Present

Steelcase / Hedberg Data Systems

Enfield, CT

- Contribute to an agile, pair-programming environment to deliver high-quality software.
- Implemented **15+ new features** and resolved **35+ bugs**, improving product stability and usability.
- Developed enterprise resource planning (ERP) software for dealers using **Kotlin, Spring Boot, Vue.js, and SQL**.

Teaching Assistant

Aug. 2022 – June 2023

William H. Hall High School

West Hartford, CT

- Taught website design and programming in HTML and CSS through projects and lectures.
- Trained students in 2-D game design, basic digital art and pixel art.
- Explained programming practice and logic through self made lectures and slideshows.

PROJECTS

ARC-AGI Challenge | *Python, PyTorch, NumPy, scikit-learn*

April 2025

- Developed a general intelligence problem-solving model for the ARC-AGI benchmark.
- Built a pipeline that classified tasks via **k-means clustering** (elbow method), then applied tailored strategies (DSLs, image transformations, CNN-based models).

Automatic Desktop Organizer | *Python*

September 2024

- Developed a **Python automation tool** to organize desktop files, reducing manual cleanup time by **90%**.
- Designed a rule-based algorithm that categorized files by folder context, file type, and content keywords.

HONORS AND AWARDS

Deans List

Fall 2023 - Present

Charles O. Thompson Scholar

2024

Award for outstanding academic performance in the first year

CLUBS AND ACTIVITIES

Institute of Electrical and Electronics Engineers, IEEE

Web Chair

Association for Computing Machinery, ACM

High Power Rocketry Club