

# URI RICHARDSON

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## SUMMARY

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Hello, I'm Uri. I'm a student at Tappan Zee High School and intend to pursue a career in computer science, a field in which I already have considerable experience. When it comes to work, I'm highly self-motivated — not because of external pressures, but because I genuinely love what I do. I learn fast, enjoy mastering new topics, and always push myself to improve. I look forward to working with you.

## EXPERIENCE

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### Information Technology Intern — *Lower Hudson Regional Information Center*

Jul 2026 – Present

- Part-time, on-site IT internship supporting regional education technology services in New York.

### President — *Computer Science Honor Society, Tappan Zee High School*

Sep 2025 – Present

- Lead the society's mission of advancing computer science education, academic excellence, and community engagement.
- Organize meetings and initiatives, encourage student involvement in technology, and support outreach that strengthens interest in computer science across the school and broader community.

### Project Manager — *SO BOTZ, FIRST Robotics Competition Team #6911*

Aug 2025 – Jul 2026

- Coordinated tasks, timelines, and deliverables for a 60+ member FIRST Robotics Competition team.
- Supported robot design, build, and programming; managed communication and project tracking through Notion, Microsoft Teams, and Google Classroom; oversaw progress across subteams.
- Contributed to presentations and promoted FIRST core values of teamwork, innovation, and gracious professionalism.

## PROJECTS

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### REACH — *Assistive Electric Grabber — Project Invent × Mosaic Senior Living*

Oct 2025 – May 2026

- Built a joystick-controlled, electrically powered assistive grabber on a four-person team so seniors with limited grip strength can retrieve objects without bending, stretching, or reaching.
- Device extends 12" to 30"+ via a custom telescoping lead screw system, with a servo-actuated claw and flexible TPU fingers; primarily 3D printed.
- Owned mechanical design, CAD modeling (Onshape), prototyping, and 3D printing of the telescoping mechanism.

## EDUCATION

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### Tappan Zee High School — *Blauvelt, NY*

2023 – 2027

- GPA: 94.3 / 100 · AP Computer Science Principles — Score: 5 (May 2025)

## CERTIFICATIONS

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### Google AI Professional Certificate

Google · Jun 2026 · ID: VI4611V2IEXS

### Python for Data Science, AI & Development

IBM · Oct 2025 · ID: X23BG1WPY01R

## HONORS & AWARDS

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### RIT Engineering & Technology Award

Rochester Institute of Technology · May 2026 · Faculty-nominated

### FIRST Leadership Award Semi-Finalist

FIRST Robotics · Feb 2026 · 1 of 2 team nominees

## SKILLS

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**Programming:** Java, Python, GitHub, Object-Oriented Design

**Design & Fabrication:** CAD, Onshape, 3D Printing, Rapid Prototyping

**Project Management:** Leadership, Organization, Notion, Microsoft Teams, Google Classroom