William Tallarico

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OBJECTIVE

High-energy, hardworking and detail-oriented graduate student (nearing graduation) with strong technical skills seeking a full-time developer position.

- *Known for strong problem-solving skills, the ability to manage multiple priorities, and a commitment to rapidly producing reliable, high-quality software.*
- *Eager to learn and make meaningful contributions from day one*

EDUCATION

Rochester Institute of Technology (RIT) - Golisano College of Computing & Information Sciences
Summa Cum Laude, GPA 3.98 – consistently achieved Dean's List
Master of Science *[May 2026]*, **Bachelor of Science** *[2024]*
Presidential Scholarship recipient, Performing Arts Scholar

EXPERIENCE

Graduate Research Assistant: *RIT College of Computing & Information Sciences* *[Sept 2025 - present]*
Created an Agile retrospective instrument for iterative process improvement on small teams to aid in identifying high level trends in team dynamics grounded in Agile methodology values. Performed data cleaning, statistical modeling and exploratory data analysis in R.

Teaching Assistant: *RIT College of Computing & Information Sciences* *[Jan 2022 - present]*
One of the top-rated teaching assistants in the department providing teaching assistance for numerous programming classes in a variety of languages [C#, JavaScript, Python, Typescript]. In addition, provided regular tutoring for students.

Lead Developer: *Index 1391,* Rochester, NY *[Aug 2025 - present]*
Led the overall design, prototyping, user interface, and systems programming efforts (including digital simulations), incorporating user feedback and data to inform design decisions using C#. Coordinated closely with cross-disciplinary team members to maintain project vision, while maintaining and updating comprehensive design documentation.

Lead Developer/LLC Founder: *Space Racoons,* Rochester, NY *[May 2024 - present]*
Led the design and development of the core system. In addition, led the prototyping efforts [Gimp, Photoshop, Python], managed production costs, specifications, and deadlines. Project has undergone successful Kickstarter funding and is in production. https://www.spaceraccoons.net

Technical Lead, *echoes,* Rochester, NY *[Aug 2025 - Dec 2025]*
Led and coordinated 5 cross-functional development sub-teams using C#. Applied Agile methodologies to ensure workflow consistency. Took the lead on complex programming components and setting of development priorities. In addition, led process improvement initiatives to streamline the development lifecycle. *https://www.echoes-vip.org*

Developer: *Crowd Comic,* Rochester, NY *[May 2024 - Aug 2024]*
Developed an interactive React web app, contributing to schema design and S3 integration for image storage. Developed queries using ORM (Sequelize.js) and TypeScript for content publishing. Enhanced the front-end with refined components and smoother transitions. Integrated AI tools in a Discord bot to parse and validate raw availability data, streamlining development processes.

Developer: *Dedalus Software House,* Genoa, Italy *[May 2023 - Aug 2023]*
Designed and developed multiple projects using C# in an Agile environment. Participated in all Scrum ceremonies, helped to groom backlog stories with team members. Participated in GitHub pull request reviews. Troubleshooted complex real-time issues and created a robust set of unit tests.

RECOGNITION

Conference Delegate: *Vertically Integrated Project Consortium Annual Meeting* *[2025]*
Served as RIT's sole graduate student delegate at the 2025 Vertically Integrated Project Consortium Annual Meeting, presenting research on value-based Agile retrospectives for process improvement

Conference Presenter: *Serious Play Conference* *[2025]*
Selected to represent Rochester Institute of Technology and to discuss the *echoes project.*

SKILLS

C#
Python
TypeScript
Node.js
Express.js
C++
R
React / Next.js
Angular
JavaScript
AWS
GitHub CoPilot
Claude
Agile
Scrum
Kanban
GitHub/Git
Visual Studio
VS Code
JetBrains Rider
TSQL
S3
PostgreSQL
Sequelize.js
Unity
Unreal
HTML
CSS

ACTIVITIES

Eagle Scout [2021]

Trumpet Player RIT Jazz Ensemble [2021-2023]

Treasurer RIT Flag Football Club [2025-2026]