

### Honors, Training, Continued Education

<b>UNIVERSITY OF DELAWARE</b> Bachelor of Science, Computer Science <b>Course Work:</b> Algorithms, Database Systems, Artificial Intelligence, Machine Learning, Computer Visions, Automata Theory, Operating Systems, Secure Software Design, Cybersecurity, Data Mining <b>Programming Languages:</b> C, C++, C#, CSS, HTML, Java, Javascript, Python, Typescript, ARM Assembly, Godot <b>Technologies:</b> React, Bootstrap, Git, Numpy, Pandas, Scikit-Learn, Express, Tkinter, MongoDB, Seaborn, Blender, Next.js, Fastapi <b>Tools:</b> PyCharm, Visual Studio Code, Visual Studio, Oracle SQL Developer, Postman, Terminal	Awarded May 2024 Cumulative GPA: 3.3
<b>Steven Geracimos Award</b> - Won the award for the best recognition of an outstanding Undergraduate Student Characterized by Steven Geracimos	<b>Awarded May. 2024</b>
<b>Best Computer Science Educational Hack</b> - Won first place for the best computer science educational hack during the 2024 University of Delaware Henhacks	<b>Awarded Mar. 2024</b>
<b>Best Smalltalk Implementation</b> - Won first place for the best SmallTalk implementation hack during the 2025 University of Delaware Henhacks	<b>Awarded Mar. 2025</b>

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### Specific-Related Accomplishments

<b>Northrop Grumman</b> <i>Software Engineer</i>	Roy, UT Oct. 2025 - Present
- Collaborated and developed software solutions addressing requirements using embedded C++, Linux, and Google Test - Gained Experience as a Scrum Master, facilitating Agile processes and ensuring alignment with project goals	
<i>Associate Software Engineer</i>	Aug 2024 - Oct. 2025
- Designed and implemented a software prototype regarding a rocket game simulation - Gained Proficiency in DevOps, Godot, Blender Jira, Cmake, C++, Confluence, and CI/CD pipeline - Gained Experience as a Scrum Master, facilitating meetings, leading discussions and keeping assignments up to date	
<i>Software Engineer Intern and Co-op</i>	Roy, UT-Remote Jun. 2023-Jul. 2024
- Designed and implemented a software prototype and an custom user experience while facilitating efficient communication and task prioritization across the team - Gained Proficiency in DevOps, Unit Testing, Jira, Cmake, Confluence, and CI/CD pipeline	
<b>University of Delaware</b> <i>Teaching Assistant, Proctor TA</i>	Newark, DE Feb. 2024 - May 2024
- Schedule Exams for Computer Science classes to accommodate students needs and proctored those exams - Report to the TA coordinator about scheduling issues and self progress	
<i>Teaching Assistant, Database Systems</i>	Feb. 2023 - May 2023
- CISC 437, teaching SQL, data retrieval languages, security and integrity and physical and logical organization of databases - Hold office hours and graded exams and quizzes with clear and constructive feedback with 50-60 students	
<i>Volunteer Outreach, Computer Science for Social Good Club</i>	Aug. 2022- May 2024
- Introduced prospective computer science students towards volunteering, research and industry opportunities within CS - Redesigned the clubs website, ensuring its users are kept up to date with events	
<i>Undergraduate Research Assistant</i>	Jun. 2022- Jan. 2023
- Created an application using the Arduino controller and Unity which allows children on the autism spectrum to play and change music layers for a song to accommodate their listening preference - Reduced loading times for loading music from minutes to seconds by dynamically loading the mp3 files into the arduino controller, thus streamlining the queue to play music	

### INDEPENDENT PROJECTS

<b>Youtube to Audio Converter</b> - Created an Graphical User Interface for downloading youtube videos - Converts the downloaded videos into mp3 and wav file formats using Tkinter, Yt-dlp and Moviepy	
<b>Type Evolve</b> - An web application teaching users how to improve their typing accuracy, using React and Capybara LLM and displays the accuracy, words per minute and time	
<b>Canvas Assistant</b> - An Modern Web Application on Canvas in which helps students make data-driven decisions across their study habits using TypeScript, Next.js and FastApi - This features has built in pomodoro timer helping students stay on track while focusing on top priority tasks from their canvas assignments, utilizes an AI chatbot assistant guiding students prioritizing assignments cna classes based on grades, due dates and how high the priority is on and views their course grades, providing a statistic on how much time they have spend on each classes and their assignments	