

BYUNGYEON KIM

Ballston Lake, NY

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SUMMARY	Self-motivated Computer Science and Mathematics student at Rensselaer Polytechnic Institute, with strong leadership as a National Honor Society member and former Marching Band Section Leader. Experienced in tutoring, research, and software engineering internships, demonstrating analytical, communication, and project management skills. Committed to overcoming challenges and achieving ambitious goals.	
EDUCATION	RENSSELAER POLYTECHNIC INSTITUTE	Troy, NY
	Bachelor of Science in Computer Science and Mathematics with a Minor in Cognitive Science of Artificial Intelligence. Expected Graduation: May 2025. GPA: 3.61 Relevant Coursework: Data Mining, Numerical Computing, Operating Systems, Introduction to Algorithms, Principles of Software, Linear Algebra, Computer Organization, Data Structure	
SKILLS	<ul style="list-style-type: none">• Programming: Python (Proficient), C, C++, Java, JavaScript, TypeScript, HTML.• Tools: GitHub, Visual Studio Code, Eclipse, Markdown, LaTeX.• Soft Skills: Analytical, Project Management, Problem Solving, Planning, Research, Logical, Determined, Cooperative, Communicative, Self-motivated, Dedicated, Respectful.	
EXPERIENCE		
2023	Private Tutor	Clifton Park, NY
	Taught CS (C++) and Mathematics, enhancing understanding beyond the curriculum with tailored strategies for problem-solving and critical thinking. [GitHub Page: Link]	
Summer 2023	Research Assistant	Rensselaer Undergraduate Research Program in Troy NY
	Investigated Probabilistic Pragmatics, analyzing the impact of contextual factors on falsehood perceptions. Explored the relationship between language, probability, and human judgments.	
Spring 2023	Software Engineer Intern	Rensselaer Center for Open Source (ROCS) in Troy, NY
	For IBM Open Horizon, developed Docker and Visual Studio Code extensions. Received mentorship, creating unified platforms for improved client experiences. [GitHub Page: Link]	
Summer 2021	Taekwondo Instructor Intern	Elite Toma Martial Arts in Trooper, PA
	2nd-degree black belt instructor, guiding students from 5 years old to adults.	
Fall & Winter 2020	Marching Band Section Leader	Conestoga High School in Berwyn, PA
	Led and coordinated the Saxophone section in the Marching Pioneer Band.	
HONORS AND AWARDS	<ul style="list-style-type: none">• RPI Dean's Honor List: Fall 2021, Spring 2022, Spring 2023, Summer 2023, and Fall 2023.• National Society of Leadership and Success (2023 - Present)• National Honor Society (2020 - 2021)• Mu Alpha Theta - Honor Society (2017 - 2019)• Conestoga High School Honor Roll Award (2018 - 2021)• Mayor Award for National Mathematics and Science Competition (2018)	
COMMUNITY INVOLVEMENT	<ul style="list-style-type: none">• Volunteer Work (Fundraising) by Elite Toma Martial Arts (2019 - 2020)• Volunteer Work (Teacher Assistant) Certification by Austin Korean School (2018)	
ACTIVITIES	<ul style="list-style-type: none">• RPI Taekwondo Club, Marching Pioneer Band, Elite Toma Martial Arts, Maverick Band, Engineering Club, Basketball, Brush Creek Community Center.	
INTERESTS	<ul style="list-style-type: none">• Basketball, Soccer, Taekwondo, Reading, Photography, Dog, Card Tricks.	