

# RYAN LOFTUS

Pottstown, PA 19465 • 610-427-0585 • ryantloftus@gmail.com  
<https://ryanloftus.netlify.app> • <https://linkedin.com/in/rtloftus> • <https://github.com/rtloftus>

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## SUMMARY

Computer Science student skilled in full-stack development, mobile development, and Unity game programming. Proficient in React, React Native, Swift, C++, and JavaScript. Experienced with agile workflows, API design, and version control. Seeking software engineering opportunities.

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## TECHNICAL PROJECTS

SLICES • React, JavaScript, Firebase	Aug 2025 - Dec 2025
<ul style="list-style-type: none"><li>Built a casual puzzle game where players solve as many randomized puzzles as possible within 60 seconds.</li><li>Integrated score tracking and account creation features to enhance user engagement.</li></ul>	
Avian Adventure • React Native, JavaScript	Jan 2025 - May 2025
<ul style="list-style-type: none"><li>Created an exploration game that encouraged users to take photos of birds while outside.</li><li>Added a fully interactive live map that allowed users to track where pictures were taken, and a leaderboard functionality to add a competitive aspect to the game.</li></ul>	
Pixel Putt • Unity, C#	Aug 2024 - Dec 2024
<ul style="list-style-type: none"><li>Developed a 3D mini golf game featuring randomized generation and interactive power-ups.</li><li>Implemented physics-based mechanics for ball movement and collision handling to ensure smooth gameplay.</li></ul>	

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## OTHER EXPERIENCE

Access Services Technician • Villanova University, Villanova, PA	Oct 2023 - Present
STEM Activity Specialist • ESF Camps, Chester Springs, PA	Jun 2018 - Aug 2024

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## EDUCATION

Master of Science in Software Engineering • Villanova University, PA	Aug 2025 - May 2027
<ul style="list-style-type: none"><li>Participated in Villanova's Combined B.S./M.S. Program</li></ul>	
Bachelor of Science in Computer Science • Villanova University, PA	Aug 2023 - May 2026
<ul style="list-style-type: none"><li>GPA: 3.79/4.0</li><li>Minor: Cybersecurity</li></ul>	

## SKILLS

- Programming: C, C++, Python, Java, JavaScript, SQL
- Web & Mobile: React, React Native, HTML, CSS, Swift
- Tools: Git, VMware, Unity, Adobe Creative Suite
- Software: Full-stack development, Agile workflows, version control
- Design: UI/UX and graphic design