

# Lucas Loepke

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## EDUCATION

**University of Pittsburgh**, Pittsburgh, PA

*Expected Graduation: April 2027*

Candidate for B.S. in Computer Science and B.S. in Economics

GPA: 3.8

**Extracurriculars:** German Club, Pitt Powersports, Ski and Snowboard Club

**Harriton High School**, Rosemont, PA

*Spring 2023*

**Achievements:** AP Scholar with Distinction, ACT 34

GPA: 4.5

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## WORK EXPERIENCE

**Software Engineering STAR Intern – SAP SE**, Newtown Square, PA

**Experience Engineering**

*Summer 2025 - Present*

- Developing and optimizing enterprise iOS applications using Swift, SwiftUI/UIKit, and the SAP Fiori iOS SDK while implementing features end-to-end, integrating with OData/REST services, and writing unit/UI tests to ensure performance and reliability.

**CoE Analytics**

*Summer 2024 - Spring 2025*

- Built and maintained a full-stack internal tool on the SAP BTP platform that automated key data-processing steps and improved SAC analytics workflows, with support for secure authenticated access.

**Community Volunteer – Narberth Community Food Bank**, Narberth, PA

*Summer 2022*

- Prepared bags of produce, refrigerated goods, and nonperishable goods for guests. Trained other volunteers.
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## PROJECTS

**Trust Circle:** A group savings platform where friends contribute toward shared financial goals. Built with React, Flask, SAP HANA Cloud, and SAP AI Core with OpenAI models. Winning project at SAP STAR Hacks 2025.

**Cleanup Crew:** A top-down action game developed in Rust using the Bevy engine, featuring custom ECS architecture, physics, and procedural generation. Built collaboratively over a semester by an 8-person team for CS 1666.

**React Battleship:** The classic 2-player casual strategy game, recreated as a hot seat app using JavaScript, React, and Vite.

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## EXTRACURRICULARS

Vice President of the Pitt Ski and Snowboard Club

*Fall 2023 - Present*

- Organizing and managing 6 ski trips each year for 750+ students. Responsible for budget and charter buses.

Violist in the Philadelphia Sinfonia

*Fall 2018 - Spring 2023*

- Performed at multiple concert venues including Verizon Hall and the Temple Performing Arts Center.
- Raised money for annual food drive with World Central Kitchen to support relief efforts in war torn regions.

Member of Harriton Varsity Rowing Team

*Fall 2019 - Spring 2023*

- Participated in Spring races, Fall endurance races, and Winter conditioning throughout High School.

PMEA District 11 Orchestra

*Winter 2020 - Spring 2023*

- Qualified for and played in the District Orchestra 3 years in a row, and Regional Orchestra in 2022.
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## AWARDS / HONORS

First place prize at SAP STAR Hacks with Trust Circle

2025

Best Beginner Project at CSC Hacks with Flowle

2023

AP Scholar with Distinction

2021 - 2023

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## SKILLS

**Libraries and Frameworks:** SwiftUI, UIKit, Flask, React, UI5, Fiori, Selenium, XCUITest, Node.js, Pandas, NumPy, Bevy

**Programming Languages:** Swift, Rust, Python, Java, C, JavaScript, TypeScript, Latex, HTML, CSS, SQL, XML

**Spoken Languages:** Fluent in English and German