

PALINA SKAKUN

Engineering student with experience in C++, Python, HTML, CSS, JavaScript, seeking internships in software engineering and web development.

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EDUCATION

Bachelor of Science in Computer Science – Michigan State University Honors College

Graduating May 2025

- **GPA:** 3.70/4.00
- **Coursework:** Programming Foundations (**C++**, **Python**), Algorithms and Data Structures, Object-oriented Software Development, Statistics and Probability, Advanced Web Development (**HTML**, **CSS**, **JavaScript**), Discrete Mathematics, Computer Architecture (ARM Assembly, Circuits), Web Application Development
- **Involvement:** Spartan Hackers, Women in Computing, Women in Engineering, Cybersecurity Club
- **Honors/Awards:** Five terms University Honors, Dean's List, 100 Hours of Community Service Award
- **Affiliations:** CodePath, Rewriting the Code, Girls Who Code, SpartaHack

SKILLS

- **Languages:** Python, C++, C, HTML, CSS, JavaScript, ARM Assembly, React, Scratch, TypeScript, Python Libraries: NumPy, Seaborn, Pandas, Matplotlib, CSS Frameworks (Bootstrap, Tailwind CSS), Swift,
- **Tools:** Docker, Terminal, Kali Linux, Git, GitHub, Figma, Webflow, Framer, VS Code, Miro, Netlify

PROJECTS

Portfolio Website - palina-skakun-portfolio.netlify.app | github.com/palinaskakun/portfolio-website

- Developed a website using JavaScript and fullpage.js for smooth scrolling and dynamic content presentation.

Blog with Bootstrap - github.com/palinaskakun/mi349_blog | responsive-blog-mi349.netlify.app •

Designed a responsive blog using Bootstrap, ensuring a seamless user experience across devices.

Catch the Banana Game (Python) - github.com/palinaskakun/Catch-The-Banana

- Created an interactive game using Python and Pygame library, allowing users to catch moving bananas within a specified timeframe, showcasing proficiency in programming and design.

Image Converter - github.com/palinaskakun/Monochrome-and-Pixelated-Image-Converter

- Designed a program in C and ARM Assembly that converts regular images to black and white and pixelated versions, demonstrating image processing skills.

Shamrocks Solitaire - github.com/palinaskakun/Shamrocks-Seahaven-Solitaire

- Implemented a solitaire card game in Python with algorithmic and game development skills.

EXPERIENCE

MSU Residence Education and Housing Services - *Residential Student Leader*

Aug 2023 – Present

- Implemented learning models for 52 residents by delivering programs to foster a safe student environment.
- Arranged events for 1,200+ residents in teams to promote cultural awareness, inclusivity, and 4-year graduation, bringing the engagement rate up to 95%.

MSU Mathematics Department - *Undergraduate Learning Assistant*

Sep 2022 – Present

- Mentored students in the tutoring center, met individual needs of students.
- Instructed class sessions for 40+ students, ensured 98% course completion rate.
- Implemented new teaching strategies using AI to ensure all students' course completion.

Future Spartans Engineers Office of Recruitment - *Programming Mentor*

June – Aug 2022

- Assisted learning sessions for an engineering summer camp "Making a Game of IT" to help students build a game in Python using Pygame.
- Assisted students during Chemical, Civil, and Mechanical Engineering lab experiments.

Scientific Technical Cooperative "Nauka" - *Software Intern*

Aug 2020 – July 2021

- Collaborated with software engineers on a project to automate tower crane measurements.
- Utilized professional cameras and Python AI packages to gather measurements without manual climbing.
- Significantly reduced safety risks associated with manual tower crane inspections.

Belarus Human Rights Center "Viasna" - *Technical Support Volunteer*

July - Aug 2020

- Worked on maintaining the Telegram chatbot platform with the crucial information on missing and detained people during protests in Belarus, which was the only independent source of information at the time.
- Acquired the skill of collaborative programming using GitHub.