Mitch Jacovetty

Lifetime student and software engineer seeking dynamic opportunities that will utilize technical, product, and people skills.

Where to find me

Website	https://mitch.website/
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Education

Lake High School, 2012-2016. First computer science classes; achieved the maximum score on the AP Computer Science Exam.

Kent State University at Stark, 2017-2020. On the Dean's list for the Fall 2018, Spring 2019, and Fall 2019 semesters.

Kent State University, 2021-2023. On the Dean's list for the Fall 2022 and Spring 2023 semesters. Obtained a **B.S. in Computer Science** in Fall 2023 with a cumulative GPA of 3.3.

Skills

Next.js	Express
TypeScript	CSS & SCSS
Python	C++
Docker	DevOps
SQL	MongoDB
Dart	Flutter

Awards

Won **2nd Place at the KHE 2022 Hackathon** as a solo competitor.

Received the **Distinguished Student Leader award** for the Computer Science department in Spring 2024.

Professional and Project Experience

Sweet.sh (April 2019 - February 2020).

Major project in **full-stack engineering**. Worked with a small group of developers on an open-source social network website that received hundreds of signups. Focused on enabling content creation by giving new tools to users with a focus on a great user experience on the frontend and managing a complex database on the backend. Utilized **Node.js, MongoDB, Vue, and SCSS**.

Spelling Bee Bot for Discord (January 2022 - Present).

Created a Discord bot based on the New York Time's Spelling Bee puzzle that currently runs in over a hundred Discord servers. Used the Discord API and created a core Python library that is published to PyPI. Utilized **Python, SQLite, and modern Python packaging strategies.**

KSU Computer Science Tutoring (Spring 2023 - Fall 2023)

Helped Kent State University students from a variety of classes learn computer science and develop coding skills in C++, online and in person, as part of a team of tutors employed by the department. Had the **highest number of students per hour** attend tutoring sessions out of all the computer science tutors in Fall 2023. Utilized **C++ and communication skills.**

KSU Computer Science Research (Spring 2023 - Spring 2024)

Worked as an research assistant in the fields of distributed algorithms and software engineering along with graduate students and professors. Utilized **academic research skills**.

For my last two semesters at Kent State, I worked with both web technologies, native code, and the intersection of the two (e.g. **WebAssembly**) in Dr. Maletic's SDML lab, which is the highest-impact CS research lab at Kent State University.

Lesson Manager & President at HacKSU (Spring 2023 - Spring 2024)

Worked to create, edit, and present lessons on modern and practical programming tools and technologies as part of the student organization HacKSU. Utilized **writing and presenting skills** while drawing on knowledge of **Python, React, MongoDB,** and other contemporary technologies.

Also, as club president for the Fall 2023 - Spring 2024 academic year, I **brought in a new contingent of leaders** to teach practical programming skills, conduct dialogues with guests from industry, and organize the 12th annual Kent Hack Enough hackathon, which brought in almost 70 students from 6 different universities to compete.