EFSTRATIOS KOULOURIS

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EDUCATION

Indiana University - Bloomington   **August 2021 - May 2025**
Bachelor's, Computer Science   *GPA: 3.14*
- **Relevant Courses:** Data Structures, Intro to Artificial Intelligence

PROFESSIONAL EXPERIENCE

Spark   **Detroit, MI, USA**
Co-Founder   *June 2023 - Present*
- Developing and maintaining web applications using React.js and other related technologies
- Collaborating with my co-founder to build websites and applications for local nonprofits free of cost
- Working alongside local and foreign non profit organizations
- Managing products, social media, brand out-reach, and funding sources

PROJECTS & OUTSIDE EXPERIENCE

Snake AI   **Bloomington, IN**
Developer   *March 2023 - May 2023*
- Class Project
- Data Collection: I oversaw the collection and generation of training data. This process involved capturing in-game data, such as the snake's position, the location of the target, and the game state, to create a dataset of training.
- Model Training: I designed, implemented, and fine-tuned the AI model. This process included training the model on the collected dataset, adjusting hyperparameters, and conducting multiple training iterations to improve its performance.

Google Developer Student Club   **Bloomington, IN**
Member   *August 2023 - Present*
- Active member that attends weekly meetings
- Constantly engaged in discussions centered around the current week's learning objective
- Applied technical knowledge to real-world projects

C and Unix   **Bloomington, IN**
Teacher's Assistant   *December 2023 - Present*
- Provide one-on-one guidance to students
- Hold regular office hours to address student's questions
- Assisted in grading assignments, projects, and exams

SKILLS

Skills: Adobe After Effects, Adobe Photoshop, AWS, Data Structures & Algorithms, JavaScript, HTML/CSS, Java, C/C++, React.js, React Native, Python, Web Development, SCRUM