

Pranav Kamath

302-766-5492 | kamathpranav87@gmail.com | <https://www.linkedin.com/in/pranav-kamath-6b0a83221/> | github.com/KaPranav21

EDUCATION

University of Delaware

Newark, DE

Bachelor of Arts in Computer Science, Minor in Mathematics

Aug. 2021 – May 2024 (*Expected*)

- **Grades:** 3.50 GPA, Academics Dean's List
- **Relevant Clubs:** Competitive Programming, Association for Computing Machinery, C.S. + Social Good, Linux Users Group

EXPERIENCE

SMIDGen Laboratory Research Developer

Aug. 2022 – Present

University of Delaware

Newark, DE

- Led innovative Python app automating diverse social data acquisition
- Implemented architecture for organized, secure data retrieval, analysis, and integrity.
- Crafted front end interfaces for empowering data handling and understanding.
- Ensured rapid progress through iterative development, utilizing Agile practices including sprint planning, stand-ups, and retrospectives.

Undergraduate Teacher's Assistant

Aug. 2021 – Present

University of Delaware

Newark, DE

- Delivered meticulous feedback and revisions on numerous student papers and projects each week, encouraging academic growth.
- Conducted thorough instruction in intermediate-level computer science skills, reaching over 80 students on a semester basis.
- Collaborated with multiple professors to produce over twenty sets of instructional slides and educational materials spanning various computer science languages.

SAT Exam Preparation Tutor

Aug. 2018 – Jul. 2020

Savio Institute

Newark, DE

- Proctored pseudo-SAT tests for 35 students, maintaining a smooth and controlled testing experience.
- Students experienced remarkable SAT score improvements through focused instruction, achieving an average increase of 200 points.

PROJECTS

Front End Weekly Organizer Application

August 2023 – Current

- Developed a personal web app for organizing weekly tasks and schedules, utilizing a drag and drop method.
- Created an intuitive and user-friendly front-end interface using HTML, CSS, and Typescript.
- Designing interactive features that allow users to easily input, modify, and prioritize tasks for each week.
- Managed the project using a product backlog, capturing tasks, features, and improvements.
- Regularly iterating on the design based on personal usage and feedback to enhance the user experience.

Frontend Turn Based Card Game

August 2023 – Current

- Crafted an intuitive game environment using HTML, CSS, and JavaScript.
- Implemented interactive gameplay features that provide players with an enjoyable and challenging experience.
- Continuously refining the game's design based on playtesting and user feedback to ensure an exceptional gaming experience.

TECHNICAL SKILLS

Languages: Python, Java, Python, C, C# ,C++, SQL, HTML, Assembly, MATLAB, JavaScript

Frameworks: React, Node.js, Spring

Developer Tools: Git, GitHub, Visual Studio Code, PyCharm, IntelliJ, Oracle SQL Developer, Eclipse

Relevant Coursework: Data Structures, Software Engineering, Database Systems, Machine Learning, Systems Programming, Machine Programming and Assembly, Discrete Mathematics