Anya Parekh

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EDUCATION

- **University of Illinois Urbana-Champaign** — Champaign, IL
  Bachelor's Degree in Computer Science; GPA: 4.00 — *Aug. 2022 – May 2025*
  COURSEWORK: Intro to Algorithms & Models of Computation, Numerical Methods I, Database Systems, Data Structures, Computer Architecture, Linear Algebra, Discrete Structures, Calculus III

EXPERIENCE

- **Viget** — Falls Church, VA
  Application Developer Intern — *Jun. 2023 – Present*
  - Collaborating with other designers and developers to create an application that empowers young adults to explore their area solo by following day capsules created and posted by other users.
  - Developing numerous web applications using the Ruby on Rails framework.

- **Hack4Impact** — Champaign, IL
  Software Developer — *Sep. 2022 – Present*
  - Co-developed a web application for Open Climate Fix, allowing users to enter information about their solar panels and get forecasts of their solar power output.
  - Collaborated to build a virtual apprenticeship platform for KadaKareer, a non-profit helping underserved Filipino students.

- **Blue Cloak, LLC** — Sterling, VA
  Software Engineer Intern — *Jun. 2022 – Jul. 2022*
  - Expanded the map editor for a cyber range orchestration platform that visualizes network infrastructures.
  - Identified and fixed defects when deploying networks and nodes to a virtual environment and throughout the rest of the platform. Created unit tests using REST API.

- **Aspiring Scientists Summer Internship Program, George Mason University** — Atlanta, GA
  Research Intern — *Jun. 2021 – Aug. 2021*
  - Worked with Professor Thomas LaToza to identify best practices for hyperparameter optimization.
  - Co-engineered a Jupyter Lab extension to guide data scientists on hyperparameter optimization.

- **Blue Cloak, LLC** — Sterling, VA
  Software Engineer Intern — *Jun. 2020 – Mar. 2021*
  - Co-developed a platform that enables cyber training exercises and hosts virtual networks.
  - Created unit and validation test scripts using Python to test and debug each platform component.

PROJECTS

- **Timely**
  - Co-developed an activity-based social app, Timely, that connects users locally based on mutual skills, hobbies, or activities and helps coordinate a time/place to do them together.
  - Built this application with React Native, Firebase, and Expo.

- **Indian Food Classifier**
  - Developed an Android application that uses image classification to identify images of Indian food and return a list of allergens in that dish that are relevant to the user.
  - Built this application with Android Studio, TensorFlow Lite Model Maker, and Kaggle.

- **Memory Game**
  - Created an Android application that simulates memory games with different sizes and themes.

SKILLS

- **Languages**: Java, Python, C++, JavaScript, TypeScript, Ruby

- **Technologies**: Git, React, React Native, Jira, MS Office, Firebase, Figma, Ruby on Rails