

# Griffins Kiptanui Lelgut(gkl39)

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## EDUCATION

### CORNELL UNIVERSITY

Ithaca, NY

#### *Bachelor of Science in Information Science*

*Anticipated Graduation: May 2028*

**Relevant coursework:** Introductory Statistics, Introductory Python Programming, Calculus 1 & 2, Design & Web Programming, Object-Oriented Programming and Data Structures, Intro to Data Science, Data Structures and Functional Programming, Linear Algebra for Data Science

## SKILLS & INTERESTS

**Skills:** Python, Java, SQL, Django, React.js, Node.js, MongoDB, Git, Linux, Firebase, PostgreSQL, MongoDB, Dart, Flutter

## PROFESSIONAL EXPERIENCE

### Cornell Ann S. Bowers College of Computing & IS

Ithaca, NY

#### *Teaching Assistant*

*August 2025 - Present*

- Lead weekly lab sessions for 40+ students on HTML, CSS, and JavaScript concepts and debugging techniques.
- Host weekly office hours to support individual projects and reinforce problem-solving skills in front-end design.
- Collaborate with faculty to develop grading rubrics and automated evaluation scripts, reducing turnaround time by 30%.

### AI4ALL

Ithaca, NY

#### *AI Ignite Fellow*

*August 2025 - Present*

- Built ML model on 37K+ listings identifying trust cues predicting purchase volume with 96% accuracy.
- Engineered 40+ features and analyzed sampling, branding, and algorithmic bias with teammates.
- Actively engaged in weekly AI seminars and cross-disciplinary discussions on ethics and responsible AI deployment.

### CRAIIVE (AI Food-Inventory Startup)

Ithaca, NY

#### *SWE Fullstack Intern*

*September 2025 - Present*

- Implemented backend integration with Gemini AI, designing API calls for recipe generation and food-usage suggestions.
- Optimized Firebase schema and data flows, increasing reliability and query speed of AI-driven recipe results.
- Built responsive Flutter UI components and UX flows for recipe suggestions, collaborating closely with the engineering team.

## PROJECTS

### Nestopia- Rental Matching Platform ([Github](#))

Django, PostgreSQL, React, REST API

- Built full-stack rental platform using Django, PostgreSQL, and React for users to list, browse, and connect securely.
- Designed backend for authentication, data models, and dynamic property listings with 90% uptime and scalable query handling.
- Built an AI Smart-Matching system combining renter and landlord preferences to calculate scores, improving accuracy by 35%.

### CF\_AI\_Copilot - Cloudflare Workers AI API Assistant

- Built a Cloudflare API tool that ingests OpenAPI/Swagger specs and generates summaries, endpoint insights using Workers AI.
- Designed a Durable Object state layer to persist spec digests, chat history, and favorites, enabling multi-turn, memory-aware API.
- Implemented a Pages UI and Worker API pipeline that returns cURL/fetch snippets and fallback summaries.

### AI News Summarizer & Credibility Detector ([Github](#))

Django, HuggingFace, API Integration

- Built a Django + HuggingFace web app that summarizes and classifies news articles using BART and MNLI transformer models.
- Integrated APIs for text extraction, summarization, and fake-news detection, handling errors with 95% service reliability.
- Increased content trust by delivering concise, credibility-scored summaries—helping users verify 40% faster during testing.

## LEADERSHIP AND EXTRACURRICULAR

### Cornell Blockchain Club , Cornell - Member

February 2025 - Present

- Attended club conferences and workshops to deepen understanding of topics such as cryptocurrency & smart contracts.
- Explored fundamentals & applications of blockchain technology through club activities and engaging weekly lectures.
- Actively collaborated with subteam peers on blockchain prototypes and engineering-focused technical projects.

### Accessible Media Resource Center, Student Disability Services, Cornell

Ithaca, NY

#### *Project Coordinator*

*May 2025 - Present*

- Managed project workflows and cross-team communications across multiple academic support staff and departments.
- Coordinated assignment scheduling, quality control proofreading, and oversaw final formatting for course materials.
- Delivered accessible course formats directly to students, ensuring timely support and promoting academic inclusivity.