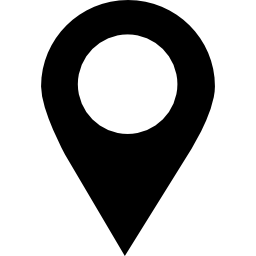
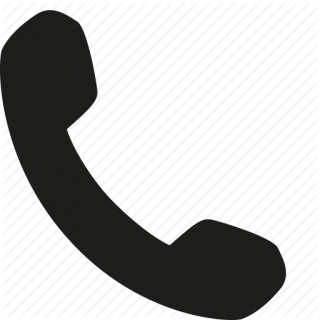
**Bekam Guta** (he/him)

 **Greencastle, IN, 46135 |** [**bekamguta\_2027@depauw.edu**](mailto:bekamguta_2027@depauw.edu) **| 765 - 712 - 3354**

**** [**ibek7.github.io**](https://ibek7.github.io/) **|**[****](https://www.linkedin.com/in/bekam-guta/)[**linkedin/bekam-guta**](http://linkedin.com/in/bekam-guta/) **|**[**github.com/Ibek7**](https://github.com/Ibek7)

**EDUCATION**

**DePauw University Graduation Date: May 2027**

**B.A. in Computer Science |** Cumulative GPA: **3.97/4.00** **|** Major GPA: **4.00/4.00**

**Relevant courses and credits:** Data Structures & Algorithms; Object-Oriented Software Development; Computer Systems; Foundations of Computation; ​​Database and File Systems; Operating Systems (Fall 2025)

**Awards :** Distinguished Scholar Award Recipient (‘24) | Dean's List (Every semester) |Top Performing Intern at Fullsteam ('24) | Best Research Paper Award ('21) | First Place, DePauw Google Developer Student Clubs Hackathon (‘23)

**TECHNICAL SKILLS**

* **Languages**: Python, Java, C++, C#, Swift, Objective-C, HTML, TypeScript, CSS
* **Frameworks:** TensorFlow, PyTorch, scikit-learn, OpenAI API, .NET MAUI, Node.js, React, Flutter, SwiftUI
* **Cloud & Databases:** Google Cloud Platform, Azure, AWS ; SQL (MySQL); NoSQL (Firebase)
* **Tools:** Git, Docker, Linux, Visual Studio Code, Xcode, Visual Studio, PyCharm, Postman/Insomnia, Figma

**WORK EXPERIENCE**

**Fullsteam - Full-Stack Software Engineer Intern |** Mokena, IL **May 2024 - Aug 2024**

* Integrated **HPC-based** AI features using Azure and OpenAI REST APIs, cutting development time by **31%**.
* Performed code analysis and unittestingon **REST APIs**, achieving a **22.3%** reduction in system errors.
* Collaborated in a dynamic, **5-member Agile** team to design, develop, and deliver new features **bi-weekly**.
* Transformed PDFs to structured data using **Azure** Document Intelligence, improving workflow efficiency by **41%.**

**University of Chicago - AI Researcher |** Hybrid, US **Dec 2023 - Jan 2024**

* Identified Human trafficking patterns in East Africa, achieving **82%** model accuracy by building an **AI+NLP** solution.
* Scraped **300+** research articles and news outlets, applying **TF-IDF & PCA**, boosting **big-data ML** tasks by **20%.**
* Uncovered **18%** more hotspots in unlabeled data by applying **hierarchical clustering** to find thematic patterns.

**Addis Ababa University Research Program - Head Researcher |** Hybrid, Ethiopia **Aug 2021 - Sep 2021**

* Designed cost-effective solar panels with real-time sun-tracking technology, improving energy efficiency by **19.3%.**
* Validated solar tracking firmware using **Fortran** and **LabView**, reaching **94%** accuracy in performance.
* Led computational physics projects, enhancing **6%** research efficiency in radioactivity decay experimentation.

**LEADERSHIP EXPERIENCE**

**Google Developer Clubs - Tech Lead |** Greencastle, IN **Aug 2023 - Present**

* Led a team of **13+** members, conducting workshops on cloud computing, increasing engagement by **34%**.
* Organized **3+** hackathons, enhancing participant retention by **22%** through improved collaboration.
* Mentored junior developers in **3+** open-source projects to build expertise in collaborative problem-solving.

**DePauw Women's Center Tech Department - President |** Greencastle, IN  **Oct 2023- Present**

* Orchestrated the redesign of the Women's Center website, leveraging **React** and **Motion** for seamless **UI/UX**.
* Optimized component architecture, reducing load time by **22%** and improving scalability with **React** hooks.

**SPOTLIGHT PROJECTS**

**C# .NET MAUI & Azure Traveler: Travel Companion App**  [**View Project [GitHub]**](https://github.com/Ibek7/TravelCompanion)

* Developed multi-platform AI travel app using **.NET MAUI** and **SQL database** for trip planning, scheduling, & support.
* Enhanced **UI** and data management by integrating **Azure**, **Open AI**, and **Syncfusion**, boosting speed by **25%**.
* Conducted testing and deployment using **Xcode**, ensuring smooth integration with Apple's ecosystem.
* Leveraged AI to deliver personalized trip suggestions, boosting user engagement by **12%** across **50+** users.

**Python & Firebase VivaVibe: Instagram Auto-Poster with Generative AI** [**View Project [GitHub]**](https://github.com/Ibek7/VivaVibe)

* Built Python pipeline automating daily Instagram posts, generating captions via **ChatGPT** and images using **DALL-E 3**.
* Integrated **Instagram Graph API** for publishing, automating daily posts and increasing follower engagement by **23%**.
* Stored **200+** posts using **Google Firebase** (Firestore & Storage), improving content management efficiency by **21%**.