

Lucas Kim

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EDUCATION

University of Buenos Aires

Buenos Aires, Argentina

Bachelor's/Master's combined degree in Computer Science

Apr. 2020 – Present

- **Relevant Coursework:** Calculus (I and II), Linear Algebra, Algorithms and Data Structures (I, II, and III), Discrete Mathematics, Probability and Statistics, Computer Organization and Architecture, Operating Systems, Software Engineering, Introduction to APIs and Computer Networks.
- **Current courses:** Database Systems, Game Theory, Web Application Architecture
- **Anticipated graduation date:** 07/25

PROJECTS

Ver la Carta | *Vue.js, Ruby*

- Developed a Single Page Application (SPA) with Vue.js and Ruby using MVC architecture, enabling restaurant customers to order food via QR scans and locate nearby restaurants, and allowing business owners to manage menus, orders, and restaurant profiles
- Built and deployed a RESTful API web server for seamless client-server communication
- Collaborated in a team using Git for version control, ensuring efficient workflow and code integration.
- Utilized Dev Containers for isolated development environments and hosted the application on Render.

Capture the Flag | *C++*

- Developed a two-team Capture the Flag game in C++ as part of an Operating System class project
- Implemented player representation using threading to simulate concurrent actions
- Ensured thread safety and synchronized player movements using semaphore-based mechanisms

TECHNICAL SKILLS

Programming Languages: C++, Python, Smalltalk, JavaScript, SQL

Tools: Git, Unix, VS Code, Vim, LaTeX, Docker

Libraries and Frameworks: pandas, NumPy, Matplotlib, Vue.js

Other: Databases, REST APIs, Data Analysis, Data Visualization

LANGUAGES

Spanish: Native Speaker

English: Fluent (C1 Level)

French: Basic Proficiency

Korean: Basic Proficiency

ABOUT ME

I'm a fourth-year computer science student looking for a first job experience. I consider that my strengths are my problem solving skills and my communication skills. Furthermore, I am a quick learner with a strong passion for staying updated with the latest advancements in the field of computer science.