

JUAN GREGORIEU

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<https://agustingrigoriu.github.io/resume/>

EDUCATION

Northeastern University, Boston, MA

Khoury College of Computer Sciences

Sept 2019-May 2020

Candidate for a Master of Science in Computer Science, GPA: 4.00

Expected Graduation: May 2021

Related Courses: Programming Design Paradigm, Information Retrieval, Algorithms, Machine Learning, Software Security Vulnerabilities, Computer Systems.

Universidad Tecnologica Nacional, Cordoba, Argentina

Bachelor of Engineering in Information Systems Engineering, GPA: 9.37/10.0

Mar 2013- Dec 2017

Projects: **Prihood**

- Developed a hybrid mobile app capable of automating several processes of life in private neighborhoods. Using: Ionic, Angular, C#, and MySQL.

WORK EXPERIENCE

Northeastern University, San Jose, CA

Jan 2020- May 2020

Teacher Assistant for Information Retrieval

- Proctoring exams, grading tests and assignments, and attending lectures.
- Responsible for performing teaching or teaching-related duties to assist faculty members, professors, department heads, and other faculty.
- Tutor or mentor students. Schedule and maintain regular office hours to meet with students.

Globant (Disney Studios), Córdoba, Argentina

Mar 2018- Jul 2019

Front-End Developer

- Collaborated with teams located in different parts of the world for maintaining, expanding, and scaling the new *espn.com* website by using standard REACTJS and unit testing practices.
- Designed a formula using Google Spreadsheets to recommend the next three DEMO presenters, which reduced the time of the pre-demo sessions by 5 minutes.
- Implemented a command-line tool using Shell Scripts that would abstract the developers from the task of following standard commit messages format, reducing the time a new feature or fix had to wait until being included in production.
- Trained incoming employees on the project's structure and best practices.

Freelance Project - Databoard (Oulton Hospital), Córdoba, Argentina

May-Jul. 2019

Full-Stack Developer

- Developed a board that allows secretaries to follow the patients' studies process in real-time by using ReactJS and Express, which increased the efficiency of the mentioned process and therefore increased the clinics' profits.
- Integrated the hospital database with the web application's own database.
- Cooperated with the hospital's systems department to implement the web application in the intranet.

InformeMedico.com.ar, Córdoba, Argentina

Mar 2017-Jul. 2019

Full-Stack Developer

- Developed and implemented efficient diagnostic imaging and administrative systems across health care providers around Argentina. Mostly PACS and RIS systems, electronic health records systems, resources monitoring systems, and resource scheduling systems.
- Initiated and developed inner tools to keep track of potential problems in our client's servers.
- Collaborated with the secure migration of patients' data from local storage to services on the cloud such as S3.
- Created automation scripts to process large volumes of data across the clinics' databases. One of these scripts consisted of generating videos, from DICOM files, that adapted their resolution to the client's network bandwidth
- Wrote and maintained technical documentation to describe program development, logic, coding, testing, changes, and corrections.
- Contributed to the development of a highly efficient server-side rendering tool to display and process images from a patient's studies and avoid overloading the browser. This was done using C++ to ensure high efficiency.

TECHNICAL KNOWLEDGE

Languages:	Java, Pascal, Javascript, C, C++, C#, Python, R
Systems:	Linux, Windows
Databases:	PostgreSQL, MySQL, MongoDB
Web Technologies:	ReactJS, Apache, NodeJS, Express