JUAN GREGORIEU

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Available: January to August

EDUCATION

Northeastern University, Boston, MA
Khoury College of Computer Sciences
Since Sept 2019
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.

Awards: Fulbright Scholarship.

Universidad Tecnologica Nacional, Cordoba, Argentina
Bachelor of Engineering in Information Systems Engineering GPA: 9.37/10.0   Mar 2013-Dec 2017
Related Courses: Algorithms and Data Structures, Systems Analysis and Design, Software Engineering, Web Development, Artificial Intelligence.

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

WORK EXPERIENCE

Northeastern University, Boston, MA   Jan 2021-Present
Teacher Assistant for Computer Systemas

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-July 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

Full-Stack Developer   May-July 2019

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

InformeMedico.com.ar, Córdoba, Argentina

Full-Stack Developer   Mar 2017-July 2019

- 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. Used Python, Pascal, Javascript, HTML, CSS, and PostgreSQL.
- Initiated and developed inner tools to keep track of potential problems in our client's servers using Shell script and Python.
- Collaborated with the secure migration of patients' data from local storage to services on the cloud such as S3 using Python and PostgreSQL.
- Created automation scripts to process large volumes of data across the clinics' databases. One of these script's goals was to generate videos from DICOM files that adapted their resolution to the client's network bandwidth.
- Designed and developed a mobile application to allow physicians to attach recordings to patients' studies by using Flutter (Dart), Python, and PostgreSQL.
- 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 using C++ to ensure high efficiency.
- Wrote and maintained technical documentation to describe program development, logic, coding, testing, changes, and corrections.

TECHNICAL KNOWLEDGE

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