Benoît **Clemenceau**

GRADUATE STUDENT AT ECE PARIS

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Summary

Currently a 5th year student at ECE Paris Engineering School, I am specialized in Information Systems, Big Data & Analytics, and AWS Cloud Architecture. For my last semester, I'm going to Boston University to pursue a double degree: the Master of Science in Computer Information Systems at the Metropolitan College. Once I graduate in August 2022, I would like to work as a Software Engineer in the United States.

Education

Boston University Metropolitan College   *Boston, United States*

MASTER OF SCIENCE IN COMPUTER INFORMATION SYSTEMS   *2022*

- Information Systems Analysis and Design, Business Data Communication and Networks, IT Strategy and Management, Database Design and Implementation for Business, Enterprise Architecture
- Introduction to Probability and Statistics, Data Structures and Algorithms, Information Structures with Python, Web Analytics and Mining, Big Data Analytics

ECE Paris   *Paris, France*

MASTER OF SCIENCE IN ENGINEERING (DIPLÔME D'INGÉNIEUR)   *2017 - 2022*

- Specialized in Information Systems, Big Data & Analytics.
- Software Development: C/C++, Advanced Java, Web (JavaScript, React, Node.js), Advanced Databases, DevOps
- Data Science & Artificial Intelligence: Math for Data Science, Hadoop, Spark, Data Analytics, Machine Learning, Deep Learning
- Algorithms and Data Structures, Graph Theory, OS, Networks, IT Infrastructure, AWS Cloud Architecture, Security
- Math, Physics and Electronics - Management, Business, Entrepreneurship, Ethics

Tecnológico de Monterrey (ITESM)   *Querétaro, Mexico*

INTERNATIONAL EXCHANGE SEMESTER   *2019*

- Machine Vision & Facial Detection
- Web Design

INSEEC U. San Francisco   *San Francisco, United States*

2-MONTH ART & TECH PROGRAM   *2019*

- Selected to participate in the first edition of this program and explore the link between Art and Engineering in the San Francisco Bay Area.
- Discovered the Silicon Valley ecosystem and met many professionals and artists.
- Created an art piece using arc welding and programmable LEDs, and organized and promoted an exhibition.

Experience

JEECE   *Paris, France*

WEB & MOBILE DEVELOPER   *Mar. 2021 - Present*

- Freelance consultant in one of the top 30 French junior enterprises.
- Have been accepted after a technical development test of a collaborative work web platform [GitHub]: TypeScript, React, PostgreSQL, & GraphQL.
- Currently working on a Web and Mobile application in React Native for a human services company.

IDEMIA   *Paris, France*

WEB & MOBILE DEVELOPER   *Apr. 2021 - Aug. 2021*

- Developed a web application for fleet monitoring using JavaScript, React and Recharts.
- Managed the data with Node.js, GraphQL (Apollo), AWS Lambda functions, Amazon Aurora Serverless DB, and Amazon Cognito.
- Integrated the web app into an existing Android application using Amazon S3, Kotlin, MVI/MVVM & Clean Architecture patterns.

Opsomai   *Paris, France*

JAVA DEVELOPER   *Jun. 2020 - Jul. 2020*

- Developed a Java application allowing client companies to manage their media uploads in their respective libraries.
- Deployed this application on macOS and Windows.

Hello Tomorrow   *Paris, France*

VOLUNTEER   *Mar. 2019*

- Accompanied VIPs at the Global Summit in Paris, an event dedicated to emerging technological and scientific innovations.

Projects

Custom weather station

Multi-disciplinary team project, ECE Paris   *2021*

- Designed a precision weather station to collect local data on the school's campus and allow for future ecological planning.
- Received a €1,800 grant as part of a partnership with the sustainable development department of the INSEEC U. group.

School programming projects

ECE Paris / ITESM   *2017 - 2022*

- **Instant messaging web application [GitHub]:** React, Node.js, LevelDB, dex (OpenID Connect / OAuth 2.0 provider)
- **School management software [GitHub]:** Java, MVC/DAO patterns, Swing library
- **E-commerce platform [GitHub]:** PHP
- **Drone Programming:** Face Recognition & Tracking using Python & OpenCV
- **C games:** Advanced Battleship strategy game, Taxi route algorithm game

Skills

Programming Languages	C, C++, Java, Kotlin, JavaScript, TypeScript, Python, PHP
Frameworks / Libraries	Node.js, React, React Native, Angular, Apollo GraphQL, OpenCV, Hadoop, Spark
Databases	MySQL, PostgreSQL, MongoDB, LevelDB
DevOps	Git, SVN, Jira, AWS, CI/CD, Docker, Kubernetes, Maven, Gradle
Markup	HMTL, CSS, Markdown, LaTeX
Languages	French (native), English (professional), German/Spanish (notions)
Interests	App development, Finance, Blockchain technology, Decentralized Finance/Apps/Games

Certifications

2021	**TOEFL 110/120**, English test, top 6%, C1 level	*ETS*
2020	**TOEIC 990/990**, English test, top 1%, C1 level	*ETS*
2020	**MOOC**, Project Management, Agile with Scrum, External Functional Analysis	*MOOC GdP*
2020	**MOOC**, Understanding Nanosciences	*Fun MOOC*