

Cristian Chivriga

Honor-roll and upcoming grad student at TUM.

Passionate about AI and Data Analysis; translating data into value.

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Education

Université Claude Bernard Lyon 1 Lyon, France

Sep 2016 - Jul 2019

Bachelor of Computer Science

- Excellence in Data Structures and Algorithms, Data Analysis, Linear Algebra, and Databases classes.
Top 1% out of a 150 university class. GPA 15.516 / 20 (Très Bien)

Work Experience

Infologic Valence, France

May 2019 - Jul 2019

Software Engineer Internship

- Replatformed to Web the internal modeling tool for Hibernate mappings in TypeScript and developed in Java a custom converter for legacy mapping file formats.
- Implemented caching for concurrent editing with feature integration in Comet and Apache Tomcat with faster query searching. Reduced daily errors from 31% down to 2% and app load time by 7s.

Endava Chisinau, Moldova

Jun 2018 - Aug 2018

Software Engineer Internship

- Full-stack web development in React and Node.js, profiled and decreased rendering time over 135% of existing UI components, fixed wasted renders and anomalies for a better UX.

Projects

Streaming and Social Media Service 1-person project / Jun 2018 - Feb 2019

- Built it in Android with Spotify SDK. Implemented music identifier system in Python for over 1 000 songs by generating audio fingerprints and using Hash table for O(1) retrieval with 11% error rate.
- Designed a reliable protocol for syncing media playback with multiple devices through Bluetooth. Created an end-to-end speech recognition ML system in PyTorch for lyrics to time alignment and playback voice control with 18% (word-error-rate).

Procedural Terrain Generator 2-person project / Dec 2017 - May 2018

- Made a cross-platform engine in C++ and JavaScript. Developed tessellated terrain rendering with dynamic level of detail, increased rendering performance over 150% for large terrain.

Achievements

- In a team of 4 competed in the final of Diamond Challenge (Business Plan Competition) with an online education platform to connect students and professors. Won Honorable Mention Prize. (Delaware, USA, 2015)
- Youngest selected attendee for Get Inspired Fest business conference. Went through 5 days of intense training focused on entrepreneurship, innovation, networking and leadership. (Nowy Sącz, Poland, 2015)
- Udacity Android scholar by being ranked top 10% out of 20 000 students. Built and validated 6 Android projects in 5 months with mentorship and high level of participation in the student community.

Skills

Technologies: C++, Java, Python, JavaScript, Go, PHP, SQL, Android SDK, React, PyTorch, OpenGL, Redis

Graphic Design: A. Illustrator, XD, Photoshop, InDesign

Romanian

Native Proficiency

English Toefl IBT - 94

Full Professional Proficiency

French DELF B2

Full Professional Proficiency

Russian

Bilingual Proficiency