

## Marc Rassi

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<https://github.com/rassimarc>

## EDUCATION

**American University of Beirut:** Bachelor's in Computer and Communication Engineering (CCE), GPA 3.35/4.00

**Honors and Awards:** Dean's Honor List

**Saint Coeur Kfarhabab Private School:**

- French Science Baccalaureate with Specialty in Mathematics: Official in 2020
- Lebanese General Science Baccalaureate: Official in 2020

## EXPERIENCE

**Cardinal Health, Software Engineering Intern**

*Beirut, Lebanon 07/2023 – present*

- Wrote unit tests for one of the company's libraries using Junit and Jacoco.
- Worked with build tools and translated the library's Ant build to Gradle.
- Had the responsibility to find bugs in the library, report and correct them.

**Wunderman Thompson MENA, Software Developer Intern**

*Beirut, Lebanon 06/2023 – present*

- Conducted research about different AI models and how we can self-host them.
- Worked with React and Typescript, and their integration with Sitecore CMS.
- Worked on the development of unit tests using Jest.
- Created an NPM package, consisting of a boilerplate template to ease the start of projects.

**Rassi Engineering LTD, Software Engineer Intern**

*Beirut, Lebanon 07/2020 – 06/2023*

- Worked on interfacing Google's MediaPipe into Unreal Engine for motion capture uses (MoCap).
- Assisted the development team in launching REtracker Bliss Camera Tracking Software (retracker.co).
- Learned to use engines such as Unreal Engine, Unity, Aximmetry, Computer vision and AI, and explain technical solutions to clients in simple terms.
- Solved client's problems and participated in Demo presentations attended by potential clients.

**American University of Beirut, Lab Instructor Representative**

*Beirut, Lebanon 01/2022 – 06/2023*

- Representative of the teaching assistants.
- Teaching assistant of the course EECE230 (Introduction to Programming).
- Enhanced my public speaking and team leading skills.

**Tutoring**

*Beirut, Lebanon 05/2021 – 09/2021*

- Tutored in private and group sessions in mathematics and programming.
- Worked in collaboration with a group of other tutors.

## PROJECTS

**Basketball Management Software Product**

- Developed a new basketball management product that can enter the market.
- Designated Scrum Master of the project.
- Using Pencil Project, Trello Project Management Tool, GitHub, Behave Django.

**Microsoft Azure Chat API**

- Developed a fully working chatting web service application, implementing Cosmos DB and Azure Blob storage, using the .NET framework.
- Designated Team Leader of the project.
- Familiarized with Cloud Storage offerings, Deploying, Monitoring, scaling Cloud Services, Scalability and Load Balancing, Fault tolerance, Disaster Recovery, Service-To Service Communication, Inversion of Control and Dependency Injection, Microservices, and Docker Containers.
- Using development tools and practices such as Git, Azure DevOps, GitHub Actions, Pull Requests, and Continuous Integration (CI/CD).

**Crime Database System**

- Built a Crime database system using MySQL.

**Networking Application**

- Designed network application for sending messages and files using TCP/UDP protocols.
- Led team of 4 to successful project completion.
- Implemented in Python.

## Skills and Interests

**Software skills:** C++, Java, Python, VHDL, HTML (Basic), C#, Microsoft Office (Excel, Word, PPT...), Photoshop

**Soft skills:** Public Speaking, Team Leading, Oral and Written Communication, Work Ethic

**Technical skills:** Problem Solving, Programming, Data Analytics, Designing

**Languages:** English, French, Arabic, Spanish (Beginner)