

Mariana Aguiar




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Software engineer with a passion for creating and building things.
Keen on web and application development. Hard worker with an eye for detail.




EDUCATION

Faculty of Engineering of the University of Porto <i>Integrated Masters in Informatics and Computing Engineering; GPA: 18/20</i>	Sep 2016 – Jul 2021 <i>Porto, PT</i>
Ginasiano Dance School <i>Specialised Art Course - Dance proficiency; GPA: 18/20</i>	Sep 2013 – Jul 2016 <i>Porto, PT</i>

EXPERIENCE

Projeto Astrolábio - Software Engineering MOOC <i>Responsible for the Database course</i> <ul style="list-style-type: none">Massive Open Online Course on Software Engineering and Information Systems organised by the consortium of science and engineering faculties of Portugal.Created and developed content on database modulation and usage, transactions, indexes, views, and triggers – theoretical classes, practical examples, quizzes, project proposals, and a final exam.	Apr 2019 – Dec 2019 <i>Porto, PT</i>
Talk a Bit  <i>Head of Operations</i> <ul style="list-style-type: none">2-day student organised conference with 300+ participants.Managed a department of 6 people and synced communication with the other departments and head of conference.Responsible for the event's online platform and streaming, merchandise, and hackthon competition awards.	Sep 2020 – Feb 2021 <i>Porto, PT</i>
Semana de Informática  <i>Head & Member of Logistics</i> <ul style="list-style-type: none">3-day student organised conference with over 180+ participants.Responsible for the event's venue, catering and merchandise.Managed and scheduled the team's tasks during the event.	May 2018 – Nov 2019 <i>Porto, PT</i>
NIAEFEUP - Informatics Student Branch of the Student's Association  <i>Member</i> <ul style="list-style-type: none">Participated in sessions to promote the club to new students and helped to organise the club's events.	Sep 2017 – Jul 2021 <i>Porto, PT</i>

PROJECTS

Linked Data Viz Catalogue  <i>Node.js, Express, React, SQLite</i> <ul style="list-style-type: none">Full-stack web application to consult a catalogue of tools for visualising Linked Data collections.
soundhub  <i>PHP, Laravel, PostgreSQL, HTML/CSS, Javascript, Bootstrap</i> <ul style="list-style-type: none">Web application to create and manage music events.
SNIPZ  <i>PHP, SQLite, HTML/CSS</i> <ul style="list-style-type: none">Simple social network web application to create and share code snippets.
NeuroPal <i>Unity, C#</i> <ul style="list-style-type: none">Mobile game for Android and iOS, targeted at young children with the goal of raising awareness of spinal cord injuries.Developed for an external client in a 12-person team of developers and designers, using a Scrum-like methodology.Responsible for exporting the app into AppStore and PlayStore.

TECHNICAL SKILLS

Languages: Javascript, Java, SQL (Postgres, SQLite), C/C++, PHP, HTML/CSS, Python, C#
Frameworks: Express, Node.js, React, Laravel, Unity
Developer tools & methodologies: Git, Docker/-compose, GitLab CI/CD, Agile, Scrum

LANGUAGES

Portuguese (Native), **English** (Fluent, C1)