MIRIAM RODRIGUEZ GARCIA

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EDUCATION

City University Of London - *BSc Computer Science*   **London, UK,** *Sept 2017 – Present*
- **Average of 82%:** Awarded the "Outstanding Mark Achievement" Prize 2018.
- **Relevant Modules:** Systems Architecture (98%), Networks & Operating Systems (72%), Data Structures & Algorithms (72%).

International School Of Madrid - *Science Stream*   **Madrid, Spain,** *Sept 2015 – June 2017*
- **A Levels:** ICT (B), Mathematics (B), Business (B), Physics (C), Spanish (A), French (B).
- **Spanish Baccalaureate**: Average grade 81% including Mathematics, Physics and Chemistry.

TECHNICAL SKILLS

Languages and Frameworks:
- **Python:** Created web portals using **Django** with multiple REST API and database integrations, for sales automation systems.
- **Java:** Built database driven web apps using **Spring**, for users to access, update and auto-generate reports on customer data.
- **C++:** Returned data reports on calculated averages using pointers & iterators with predicate functions on lists and vectors.

Web Development:
- **JavaScript & TypeScript:** Displayed & authored database content, using **jQuery** and **Angular**, through various web portals.
- **HTML & CSS**: Designed front-end applications using **Bootstrap** to enhance better UX with animation and layout features.

Data Management:
- **MySQL & Microsoft Access**: Arranged & analysed relational databases to create queries, run time calculations & reports.
- **Microsoft Excel**: Performed complex spreadsheet calculations & data representations through graphs to interpret data trends.

Project Management:
- **UML:** Created design Class and Sequence diagrams to model various IoT & database systems for stakeholder documentation.

WORK EXPERIENCE

Cisco Systems HQs, Full-Stack Developer Internship   **San Jose, California,** *Aug 2019 – Apr 2020*
- Built an internal web app, eliminating yearly $250,000+, by integrating Microsoft, Salesforce, WebEx and database systems APIs, to automate the completion of government Request for Proposal documents.
- Developed a web portal to assist in the quality control and visualization of database content and build onto its knowledge base through the integration of various Machine Learning models.
- Collaborated with multiple sales teams across Cisco, achieving 100+ end users of these web applications.

Bring More Light HQ, Software Developer Internship   **Munich, Germany,** *June 2019 – Aug 2019*
- Built an automated system using **Visual Basic** to daily update and create data reports on sales databases holding 10,000+ customer records.
- Designed and improved main recruiting website using **WordPress** with encryption tools to protect candidate's data.

Lucan Education, Tutor   **London, UK,** *Jan 2019 – June 2019*
- Taught **Python** and applicable Object-Oriented Programming concepts weekly, to develop web and gaming application projects.
- Improved over 20+ low-grade students to top class A*-C grade through in-depth top quality and engaging teaching.

PROJECTS & PROFESSIONAL EXPERIENCE

Competitive Programming on Codeforces   **San Jose California,** *Aug 2019 – Present*
- Compete with worldwide programmers by writing algorithms and performance ranked problem solving challenges.

Cisco Hackathon Challenge   **London, UK,** *Apr 2018*
- Developed a bot on Cisco WebEx Teams, using **Dialogflow,** that replied to 60% of the users successfully about medical queries.
- Ran an IoT lecture presentation with Global Virtual Engineering senior managers and 20+ attendees.

Second Place at Major League Hacking   **London, UK,** *Dec 2017*
- Built an **iOS** application using **Swift** to calculate alcohol intake and judge whether driving is permitted, in order to reduce the average number of car accidents.

Finalist at HackKings Hackathon   **London, UK,** *Nov 2017*
- Displayed real time bank transfers on a LCD **Arduino** screen, using Monzo Bank's API to get customer's account balances.
- Presented project to 500+ participants and discussed future implementations with top IT and Banking companies in the UK.

Tech Society Communications Representative   **London, UK,** *Oct 2017 – June 2018*
- Organised weekly workshops by liaising with IT company representatives, organising guest lectures and appointing volunteers to run introductory programming courses.
- Increased the society's membership by 20% by promoting meetups and individually contacting students through social media.

INTERESTS

Languages: English (Proficient), Spanish (Native), French (Professional), German (Elementary)

Music: Self-taught guitar and piano, gaining multiple experiences on stage, developing self-confidence and winning first place at several talent and music shows.

Travelling: Gained emotional intelligence by interacting and learning from different cultures and people, becoming more adaptable, communicative and open-minded. Visited 20+ countries from which I worked/studied in 4.