

MARTINO CALDARELLA

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OBJECTIVE

Seeking a full-time position in computer (IoT) engineering

PROFILE

Highly motivated CpE graduate with a strong foundation in mathematics, hardware and software engineering and programming principles. Proficient in several platforms and languages with a strong desire to learn and master new technologies.

EDUCATION

UNIVERSITY OF CALIFORNIA, IRVINE | BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

June 2020

- **Programming Languages:** Python, C/C++, Java, HTML, Verilog, VHDL, CUDA, SQL
- **Operating Systems:** Windows, Linux Ubuntu, Android
- **Software:** Matlab, Mathematica, PSpice, Xilinx Vivado, Android Studio, Wireshark,
- **Team Projects:** Chess Game Software, Chat Software, Android Apps development, RISC-V pipelined processor design, M.A.S.Q Motorcycle Safety System

EXPERTISE

ELECTRICIAN – NETWORK TECHNICIAN

- Installed and tested computer network hardware, including running and terminating category 5 UTP cables, assembling server cabinets, and cooling systems
- Installed security systems, home automation, fire alarm systems
- Developed expertise in communication systems cabling, circuitry and wiring through various projects for union contracted companies.
- Movie set production assistant

MACHINE TECHNICIAN

- Operated and performed maintenance of high technology machines used for production of photovoltaic modules.
- Tested quality modules and manually fixed imperfections
- Tested final product with a solar simulator to check maximum power

ADDITIONAL SKILLS

- Fluent in English, Italian, and Spanish
- Skilled in repairing electronics including smartphones, tablets, and laptops
- Experienced in basic auto and motorcycle mechanics, constructions, plumbing

ADDITIONAL INFO

- Dual American/Italian citizenship
- Volunteered translating closed captions English to Italian of TED.com videos
- Raised money for AIDS research through the Los Angeles AIDS Walk
- Long distance runner – personal record for full marathon 3:01