GianlucaGuarro
Software Analyst

about
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github.com/lucaguarro

programming
(1-10 profiency)
C++ (9)
JavaScript (7)
Python (4)
Mathematica (4)
Matlab (3)

tools/SDKs
Embarcadero, QT,
Visual Studio, Eclipse,
Latex, HTML, CSS,
JQuery, Angular 2

languages
English (native)
German (intermediate)
Italian (intermediate)

citizenship
USA
Italy

hobbies
Hackathons
Chess
Piano
Rockclimbing
Diving
Camping

Education

9/12 - 7/16	**University of California, Santa Barbara** B.S. in Physics (3.36 GPA)	Santa Barbara, California
6/13 - 7/13	**UCLA Study Abroad**	Rimini, Italy
9/14 - 12/14	**UCEAP at Freie Universität Berlin**	Berlin, Germany

Experience

7/16 - pres. Analyst/Engineer at ASCA Inc.   Redondo Beach, California

- Modernizing company's bayesian network analysis code from the late 90's by adding functionality and completely new GUI with C++ and Embarcadero
- Performed tests and debugging assignments on company's multi-valued logic analysis and discrete simulation software

10/13 - 7/16 Project Assistant at ASCA Inc.   Redondo Beach, California

- While also a full time physics student at UC Santa Barbara, I researched and organized technical project materials under the direction and guidance of senior ASCA personnel

6/15 - 8/15 Physics Research Intern at University College Dublin   Dublin, Ireland

- Researched and gave a presentation on the frustration properties of Artificial Spin Ice

Honors

4/12 Eagle Scout in the Boy Scouts of America   Torrance, California

- For my eagle scout project, I designed a light-weight greenhouse and organized and coordinated the work of a team of volunteers for its construction. The greenhouse was donated to my highschool.

2/10 - 12/12 NHS Member at Rolling Hills Prepatory School   San Pedro, California

- Gained nomination to memberhsip of the National Honors Society in the 10th grade and maintained my membership till graduation as a result of high GPA and academic status.