JULIANA NAZARÉ

Juliana@students.olin.edu
703.801.7814

Portfolio: http://juliana.io
Twitter: @JulianaNazare
LinkedIn: JulianaNazare
Github: JNazare

EDUCATION

Olin College of Engineering (Needham, MA)   GPA: 3.84 / 4.0
B.Sc. Electrical and Computer Engineering   CLASS of 2014
Merit Scholarship: 4 year, 50% tuition, academic-based scholarship
Relevant Coursework: Artificial Intelligence, Web Application in Node.Js, Human Factors Interface Design, Mobile Device Application Development, User-Oriented Collaborative Design, Analog and Digital Communication, Computer Architecture, Microelectronic Circuits, Mechatronics, Modeling and Control

LANGUAGES

English mother tongue, German fluency

PROGRAMMING

Python, Java, JavaScript (Node.js), Android, CSS, HTML, Perl, Verilog

SOFTWARE + HARDWARE

Proficient with MATLAB, SolidWorks, Linux, Arduino, HSpice, and Adobe Premiere

CITIZENSHIPS

United States, Germany

EXPERIENCE

Computer Science Student Researcher   SUMMER 2013 - PRESENT
MIT Lincoln Laboratory, Human Language Technology Group (Lexington, MA)
Conducting natural language processing research to investigate if clusters of similar Twitter profiles can be discovered using time-topic patterns. Work is part of DARPA's open source Xdata project.

Technical Associate   OCTOBER 2012 - PRESENT
Startup Institute (Cambridge, MA)
Created and ran a part-time program that helps students with little CS background learn programming basics. Now working on implementing the curriculum in high schools. See Boston Globe Article: http://bit.ly/starths. Startup Institute is a company whose mission is to train students to become high impact employees in the Boston, New York, and Chicago startup communities.

Electrical Engineering Intern   SUMMER 2012
Advanced Micro Devices (Boxborough, MA)
Worked on AMD's floating-point arithmetic team on both cell placement around macros and analyzing failed timing paths. Wrote programs that have continued to be used to analyze slack and hold times for thousands of paths and present them in an easy-to-read manner to circuit designers.

Mechanical Product Design Intern   SUMMER 2011
Mozaic Design Services (Panjim, India)
Headed project to develop a fixture attachable to a bed for cooling a confined area around a bed with the aim of saving on electricity costs. In 3 months, took project from idea to working prototype. Researched integration of thermoelectric devices and refrigeration coils into bed fixture. Tested how fixture would function, how it would interface with the user, and created first prototype.

Microbiology Student Researcher   2008-2010
United States Geological Survey's Voytek Microbiology Lab (Reston, VA)
Conducted experiments and analyzed microbial methane emissions. Experience working in a research lab environment.

LEADERSHIP + ACTIVITIES

Board Member, **Olin College Business and Entrepreneurship Incubator**   2011 - PRESENT
Leading efforts to coordinate events and provide resources for startups on campus. Relocated the startup incubator facility and organized three successful startup career fairs, each with 20+ companies in attendance.

Instructor, MobileProto Course at Olin College of Engineering   FALL 2013
Co-teaching a student-run course on mobile development. Course teaches Android, mobile design principles, rapid prototyping, and how to use collaboration tools such as Github.

Student Fellow, **.406 Ventures**   2012 - PRESENT
Member of the 4th class of student fellows at .406 Ventures, a $170m technology VC firm. Help identify early-stage startups within the Boston community and work with student fellows from across the East Coast to assess investment opportunities.

Olin College Coordinator, Three College Winter Session Program   2011 – 2012
Help coordinate logistics, including selecting participants and project topic for a sustainable design project with students from Olin, Wellesley, and Babson colleges over winter break. Worked with MassChallenge startup Zimba Doser to improve the quality of hand-pumped water in Indian villages. Lived on campus over winter break to run the program.

Team Member, Odyssey of the Mind   2000 - 2010
Spent 10 years on this creative, problem-solving, team competition. Won 1st place, Odyssey of the Mind World Finals (2003) and many other awards over the years.