

Pernié Luca

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EDUCATION

PH.D. IN HIGH ENERGY PHYSICS

UNIVERSITÉ LIBRE DE BRUXELLES
UNIVERSITÀ DI ROMA LA SAPIENZA
Completed in 2015

M.PHIL. IN PARTICLE PHYSICS

UNIVERSITÀ DI ROMA LA SAPIENZA
Completed in 2011

SKILLS

Computing:

Java • Shell • JavaScript • Matlab
OCaml • Python • Rails • \LaTeX

Libraries:

C • C++ • CSS • PHP • Assembly

Languages:

AS3 • iOS • Android • MySQL

Interpersonal Skills:

EXPERIENCE

COURSERA | KPCB FELLOW + SOFTWARE ENGINEERING INTERN

Expected June 2014 – Sep 2014 | Mountain View, CA
• 52 out of 2500 applicants chosen to be a KPCB Fellow 2014.

GOOGLE | SOFTWARE ENGINEERING INTERN

May 2013 – Aug 2013 | Mountain View, CA
• Worked on the YouTube Captions team in primarily vanilla Javascript and Python to plan, design and develop the full stack implementation of a new framework to add and edit Automatic Speech Recognition captions.
• Created a backbone.js-like framework for the Captions editor.
• All code was reviewed, perfected, and pushed to production.

PHABRICATOR | OPEN SOURCE CONTRIBUTOR & TEAM LEADER

Jan 2013 – May 2013 | Palo Alto, CA & Ithaca, NY
• Phabricator is used daily by Facebook, Dropbox, Quora, Asana and more.
• I created the Meme generator, the entire Lipsum application, ported Tokens to different apps, fixed many bugs and more in PHP and Shell.
• Led a team from MIT, Cornell, IC London and UHelsinki for the project.

AWARDS

RESEARCH

CORNELL ROBOT LEARNING LAB | HEAD UNDERGRAD RESEARCH

Jan 2014 – Present | Ithaca, NY
Worked with Ashesh Jain and Prof Ashutosh Saxena to create PlanIt, a tool which learns from large scale user preference feedback to plan robot trajectories in human environments. Publication submitted.

CORNELL PHONETICS LAB | HEAD UNDERGRADUATE RESEARCHER

Mar 2012 – May 2013 | Ithaca, NY
Lead the development of QuickTongue, the first ever breakthrough tongue-controlled game with Prof Sam Tilsen to aid in Linguistics research. Publication submitted.

AWARDS

2014	top 52/2500	KPCB Engineering Fellow
2014	2nd most points	Google Code Jam, Qualification Round
2014	1st/50	Microsoft Coding Competition, Cornell
2013	National	Jump Trading Challenge Finalist
2013	7th/120	CS 3410 Cache Race Bot Tournament
2012	2nd/150	CS 3110 Biannual Intra-Class Bot Tournament
2011	National	Indian National Mathematics Olympiad (INMO) Finalist
2010	National	Comp. Soc. of India's National Programming Contest

SOCIETIES

2014	top 12%ile	Tau Beta Pi Engineering Honor Society
2014	National	The Global Leadership and Education Forum (tGELF)
2012	National	Golden Key International Honor Society
2012	National	National Society of Collegiate Scholars