

perla villarreal

Contact Telephone Number &
Address Available Upon Inquiry

Education

Massachusetts Institute of Science (MIT),
B.S. Computer Science and Engineering - 2015
Concentration in Psychology

Development Exposure

Java (Spring MVC, JDK 1.7),
Docker, Jenkins 2,
Scala, Spark, AWS,
Python, C++

Methodologies & Testing

Agile, Test Driven Development,
Hypothesis Driven Development,
JUnit, Mockito, Mountebank, Apache JMeter

Graphic Design

Adobe Illustrator,
Keynote

Languages

Spanish; Fluent

Presented at Grace Hopper Celebration 2017

The Pursuit of Early Career Success

Interests

Design,
User Experience,
Data Science & Engineering,
Human Computer Interaction,
Diversity & Inclusion,
Travel,
Dancing

*"Try not to become a [wo]man of success
but a [wo]man of value."*

-Albert Einstein

Experience

Software Consultant, ThoughtWorks;
Dallas, TX – September 2015 - Present
Currently supporting Data Strategy development &
assessment. Previously, consulted in Enterprise Java development
and web services. Performed back-end development of software
systems by leveraging Agile & Test Driven Development
methodologies to achieve efficiency and value at client sites.

Technical Lead, MIT Global Startup Labs;
Colombo, Sri Lanka – June 2015 - August 2015
Guided the maturation of a series of startup ideas, focused on
business plan development and user-centered design.

IT Summer Analyst, Credit Suisse;
New York, NY – May 2014 - August 2014
Designed and developed internal mobile application
catalogue to be used by an approximation of 30,000 people.
Supported the mobile platform launch by testing, documenting,
redesigning the communication media.

IS&T Intern, BMC Software;
Houston, TX – January 2014 - May 2014
Increased workforce productivity by integrating key tools that
enable the organization including Microsoft PowerPoint,
MicrosoftExcel, Troux and Mega.

Research Intern, Weizmann Institute of Science;
Rehovot, Israel – June 2013 - August 2013
Developed a server-side analysis engine, which provides
different statistics calculated from a large database in real time.

Researcher, Whitehead Institute of Biomedical Science;
Cambridge, MA – September 2012 - May 2013
Programmed and designed a web-server for short tandem
repeats in thousands of human genomic sequencing data sets.

Computer Science Summer Institute, Google;
Mountain View, CA – June 2011 - July 2011