

Christian D. Vázquez

P.O. Box 41 Barceloneta PR, 00617
787-613-1066 | christian.vazquez7@upr.edu

OBJECTIVE

Looking for internship or full time opportunity related to human-computer interaction, mobile application development, and interface design.

EDUCATION

University of Puerto Rico Mayaguez

Bachelor of Science in Computer Engineering

Graduation date: December 2015

Major GPA: 4.00/4.00

Overall GPA: 4.00/4.00

EXPERIENCE

Google Summer Internship

May 2015 – August 2015

Google Research IoT Group – Mountain View

Bill Schilit

Designing a new communication protocol using Android devices.

- Contributed to design and implementation of new communication protocol specification.
- Created extendable App Engine Service with Cloud SQL storage.
- Built extendable Android app to measure timings and energy consumption of end-to-end BLE communication with peripheral devices using the newly designed protocol.

MIT Media Lab Research

May 2014 – May 2015

MIT Media Lab – Fluid Interfaces Group

Dr. Pattie Maes

Development of apps to facilitate just-in-time learning through Google Glass.

- Full-stack, lead developer for two Google Glass applications with Android's GDK.
- Published work for CHI WIP 2015.
- Contributed to *Wearscript* (open source JavaScript platform for Google Glass).
- Developed Zeus wearable device to control Olympus Air camera.

Startup Software Developer

July 2014 – October 2014

DataCrowd – Android Shelfie Team

Developing native Android application for sponsored startup company. Developed a library with OpenCV that detects and scans barcodes for automatic out-of-stock detection through crowdsourcing.

Mobile I-Vector Research

August 2013– May 2014

MIT Lincoln Laboratory – Human Language Technology

Ported I-Vector's speaker, language, and gender recognition functionality to the Android platform.

- Led team in the development of a fully operational Android application.
- Integrated extensive C++ codebase on the Android platform through Android's NDK.
- Best presentation award of IAP Conference 2014.

MIT Lincoln Laboratory Summer Intern

May 2013 – August 2013

MIT Lincoln Laboratory – Human Language Technology

Developed graphical interfaces for speaker, language, and gender recognition.

- Developed two stand-alone graphical Java applications with Swing.
- Shipped summer project as a product to interested sponsor.

SKILLS

- Fluent in English and Spanish
- Java, C, C++, Python, JavaScript, and SQL
- SVN and Git Repositories
- Basic OpenCv
- Android Programming
- Node.js
- Development in Google Glass
- Basic HTML, CSS, and JQuery