

# Kendrick Francis C. De La Pena

8700 Moreno Mountain Ave - Las Vegas, NV 89178 - (702) 217-9134 - [kendrickdelapena@gmail.com](mailto:kendrickdelapena@gmail.com)

---

## **EDUCATION**

**University of Nevada, Las Vegas**

Bachelors of Science in Computer Engineering

Minor in Computer Science and Technology Commercialization

Expected Dec 2014

G.P.A: 3.37

## **COMPUTER SKILLS**

**Engineering Software:** Atmel Studio, Electric VLSI Design, LTspice Simulator, Eagle PCB Design

**Programming Languages:** C++, C, Assembly, AVR C

**Graphic Design Software:** Adobe After Effects, Adobe Illustrator, Adobe Photoshop

**Microsoft Products:** Microsoft Excel, Microsoft PowerPoint, Microsoft Word

## **WORK EXPERIENCE**

**Undergraduate Student Research Assistant for Chip Design**

Dec 2013 – Present

Howard R. Hughes College of Engineering

- Design and test high-speed, high voltage switching circuit board
- Work closely with Professor Rusel J. Baker on the development of the chip
- Document progress and results of lab tests through the professor's website

**UNLV Rebel Recycling Program**

Aug 2010 – Present

University of Nevada, Las Vegas

- Assist students and faculty members by collecting recyclables around campus
- Organize recyclables by category and maintain a list of complete tasks

## **ENGINEERING PROJECTS**

**Video Game Development in Quorum**

Aug 2014 – Present

- Develop a video game in a relatively new computer language called Quorum based off libgdx libraries
- Plan and create the project with a large team using an online version control system

**Road Sign Detection**

Jan 2014 – Present

- Work in a small group to design a camera to read speed limit, stop, and yield signs
- Will present final product in the UNLV Fall Senior Design Competition

## **HONORS & ACTIVITIES**

**Tau Beta Pi Engineering Honor Society**

Apr 2013 – Present

- Held a position as cataloging secretary for a year which assisted in managing contacts and events
- Maintain active membership by participating in soft skill workshops

**Raising Our Asian Rights (ROAR) Student Organization**

Apr 2011 – May 2014

- Participated in various networking events and also the 2012 OCA Mentorship Program
- Volunteered for Asian Pacific Islander events such as the 2013 National OCA Convention

**Judicial Council of UNLV CSUN Student Government**

Feb 2011 – Jan 2013

- Utilized legal procedures to analyze and review actions within the organization
- Led the Judicial Branch as Chief Justice for a year

## **AWARDS**

Howard R. Hughes College Dean's List: Spring 2013, Spring 2011, Fall 2010