Joshua Acosta

905 East Seminole Avenue, Pharr, TX 78577 (956) 638-0138 acosta.joshua@hotmail.com

OBJECTIVE

Hard working Computer Engineer undergraduate with leadership, organizational, and technical skills seeking to apply my abilities.

EDUCATION

University of Texas Rio Grande Valley

(August 2015 – Present)

Major: Computer Engineering

Class Level: Junior

GPA: 3.97

Expected date of graduation: December 2017

WORK EXPERIENCE

University of Texas Rio Grande Valley

(May 2016 – Present)

Research assistant

- Built various unique electrophysiological monitoring devices
- Used a TDT data acquisition system to acquire brain signals from a live rat
- Used IHC and confocal micropsy to identify growth patterns in regenerating nerves

Iowa State University

(June 2014 – July 2014)

Research assistant

- Created a research project involving the V-22 Osprey's downwash using simulations
- Learned to use advanced simulation programs including RotCFD
- Presented my project at a conference held by Iowa State

Technical Skills

- Programming Languages: C++, java
- Proficient in FPGA and atmega chips

Activities and Leadership

• IEEE (member) (January 2016 - Present)

• Association of computing machinery (member) (September 2015- Present)

o Game Development

• Hack and Make (member) (September 2015- Present)

• Mu Alpha Theta Honor Society (Vice President) (September 2013 – May 2015)

o Organize community service events

• National Honor Society (September 2014 – May 2015)