# RICARDO ZAMUDIO II

720 S. Dubuque St., Apt #7     (309) 287-2325

Iowa City, IA 52240     ricardo-zamudio@uiowa.edu

## EDUCATION

**The University of Iowa, Iowa City, IA**     Graduation Date: **May 2016**
Major: **Electrical and Computer Engineering, Software Focus**     GPA: **3.94/4.00**
Minors: **Business, Mathematics, Computer Science**

## WORK EXPERIENCE

**Software & Systems Engineer,** *John Deere*     *Moline, IL*     **Jul. 2016 - Present**
- Participating in John Deere's engineering development rotational program
- Designing embedded software to improve John Deere planter precision
- Generating user stories and supporting the Agile process for planter UI software

**Software Engineering Intern,** *Rockwell Collins*     *Cedar Rapids, IA*     **May – Dec. 2015**
- Upgraded Rockwell's RCU-710 interface code and documents for Windows 7 compatibility
- Spearheaded the Windows 7 upgrade project through review and release stages
- Updated the RCU-710 C# .NET interface for radio control per customer requests

**Student Consultant,** *Engineering Computer Services*     *Iowa City, IA*     **Aug. 2013 – May 2016**
- Provided computer troubleshooting assistance to engineering faculty and students
- Performed routine functionality checks of engineering computer lab equipment

**Systems College Intern,** *State Farm Insurance*     *Bloomington, IL*     **May – Aug. 2014**
- Assisted web development team working to fix and enhance statefarm.com functionality
- Utilized content management system through the web module development life cycle
- Presented for a semifinalist team in the State Farm Intern Speech Program

**IT Student Intern,** *State Farm Insurance*     *Bloomington, IL*     **May – Aug. 2013**
- Enhanced an Excel Macro for Test ID Team to provide central source for Test ID data
- Developed websites for IT Student Interns and College Interns as part of a team

## TECHNICAL EXPERIENCE

**Java, C# Programming** (Four years of experience, Rockwell Collins internship)

**Ruby on Rails** (One year of experience, Senior Design project)

**Python – Django Web Framework** (Fundamentals of Software Engineering)

**Web Development - HTML, CSS, JavaScript** (Self-Taught, State Farm Internship)

**C, C++ Programming** (Computers in Engineering, Embedded Systems & Systems Software)

*Some exposure to: Android, Arduino, MATLAB, Verilog, VHDL, Assembly, Visual Basic*

## LEADERSHIP EXPERIENCE

**President,** *University of Iowa Tennis Club*     **May 2015 – May 2016**
- Managed, along with VP and treasurer, operations for roughly one-hundred-member club
- Coordinated competitive team practices and travel to tournaments through the country

**Vice President,** *University of Iowa Tennis Club*     **May 2014 – May 2015**
**Treasurer,** *University of Iowa Tennis Club*     **Aug. 2013 – May 2014**

**Judicial Chancellor,** *Sigma Lambda Beta Int'l Fraternity, Alpha Chapter*     **Dec. 2014 – Dec. 2015**
- Worked with the chapter's executive board to ensure adherence to chapter bylaws
- Recorded and communicated brothers' attendance, eligibility standing, and fines incurred

## COMMUNITY EXPERIENCE

**Tau Beta Pi Engineering Honors Society**     **Oct. 2014 – May 2016**
**Sigma Lambda Beta Int'l Fraternity, Alpha Chapter**     **May 2014 – May 2016**