

RICARDO ZAMUDIO II

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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)

Web Development – HTML, CSS, JavaScript (Four years of experience, State Farm internship)

Python – Django Framework (One year of experience, Software Eng. Fundamentals project)

C, C++ Programming (Three years of experience, Embedded Systems project)

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