

Rubén Estrada

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Education

Illinois Institute of Technology, Chicago, IL

Graduated December 2016

- Program: Bachelor of Science in Computer Science
- Relevant Coursework:
 - Object Oriented Design Programming
 - Systems Programming
 - Database Organization
 - Software Engineering
 - Introduction to Wireless Networks & Performance
 - Information Security

Experience

Construction CAD Solutions, Designer, Willowbrook, IL

March 2015-Present

- Optimize conduit routes for the installation of fiber optic/coax cable in the greater Chicago area and coordinate conflict solutions with local municipalities and other engineering companies
- Quality check drawings to ensure company and village standards are met
- Discuss route conflicts with engineers or government entities to propose solutions and assign adjustments to the drawings based on this feedback
- Manage deadlines, workload, and benchmarks for a team of 20 freelance drafters across the globe

Exelon Summer Institute, Teacher Assistant, Chicago, IL

June 2014-August 2015

- Taught incoming IIT freshmen in the concepts of Java and programmed Arduino robots
 - Data types, loops, and arrays

Freelance Coder Camp, Teacher Assistant, Chicago, IL

June 2014-August 2015

- Taught high school students in the concepts of Java and programmed Arduino robots
 - Data types, loops, and arrays
- Assisted students with HTML, and CSS to create and publish a website to form their own web presence

Projects

- **Personal website:** Created a [website](#) written in valid and well-formed semantic HTML and CSS to form the foundation of a professional web presence
- **Text to Gifs:** Created a [website](#) which uses jQuery to send REST requests to two APIs to analyze given text and outputs GIFs based on the sentiment and categories within such text

Expertise

Programming: Java, SQL, Python, C, HTML, CSS, Javascript, jQuery, XML, JSON

Development: Unit Testing, Git Version Control, RESTful Interface, TDD

Software: Photoshop, AutoCAD, ArcGIS

Awards

STEM+ Scholarship

Heald Scholarship

Protiviti Scholarship

Chicago Engineers Foundation Scholarship

Mobile-First and Responsive Design

Community Involvement

- **Viva Technology** **March 2013-March 2016**
 - College captain - Mentored groups of elementary and high school students through multiple challenges provided to them to increase their interest in the STEM field
- **FreeGeek Chicago** **November 2014-September 2015**
 - Took apart donated computers and recycled them to provide functional computers to those who want them