

Rubén Estrada

P: (773)-971-0662 | E: restrad2@hawk.iit.edu | W: estrada-ruben.com

Education

Illinois Institute of Technology, Chicago, IL

August 2012 – 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

- Propose optimal routes for the installation of fiber optic/coax cable in Chicago and its nearby suburbs utilizing:
 - AutoCAD, County GIS's, and Google Earth/Maps, and Information Retrieval maps.
- Quality check drawings to ensure company and village standards are met
- Assign adjustments to drawings based on feedback from engineer or government entity
- Discuss route conflicts with engineers and propose solutions
- Manage deadlines, workload, and benchmarks for team members

Exelon Summer Institute, Teacher Assistant, Chicago, IL

June 2014-August 2015

- Instructed and tutored 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

- Instructed high school students in the concepts of Java and programmed Arduino robots
 - Data types, loops, and arrays
- Assisted the students with HTML, CSS, and PHP

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.

Skills

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

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

Software: Photoshop, AutoCAD

Awards

STEM+ Scholarship

Heald Scholarship

Protiviti Scholarship

Chicago Engineers Foundation Scholarship

Mobile-First and Responsive Design

Volunteer Work

- **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.