Rubén Estrada

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Objective

- To be employed in a technology related field to utilize and further expand my knowledge as an asset to the company.

Education

Illinois Institute of Technology, Chicago, IL   **August 2012 – December 2016**

- Major: Computer Science
- Exelon Summer Institute
- 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**

- Design drawings for the installation of fiber optic cable in Chicago using:
  - AutoCAD, Cook County GIS, and Google Earth/Maps, Information Retrieval files.
- Quality check drawings/permits and assign revisions
- Contact engineers to solve any present route conflicts
- Track the current progress of every Chicago drawing/permit

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

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: 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.

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.