

Alexandra Orth

github.com/alexandraorth • alexandraorth.github.io

PROFESSIONAL EXPERIENCE

AppFirst, Inc., Minneapolis, MN

Summer 2013 - Present

Winner- Applications Internship Competition

Implemented an application in Ruby on Rails using a MongoDB backend that performs anomaly detection on various data streams. This app was intended for use in automated systems alerting.

Wrote a web application using Sinatra and Backbone.js that uses server network data to display the 'architecture' (communication between processes) of a system.

Columbia College Information Technology, New York, NY

May 2012 - May 2013

Computer Programmer, Desktop Support Intern

Provided support and technical assistance regarding Windows systems to clients through in-person and remote troubleshooting

Set up and repair of computer equipment, including administration of the yearly desktop deployment process

RESEARCH

Research Project at Columbia Speech Lab, New York, NY

Jan 2013 - May 2013

Undergraduate Research Assistant

Project entitled "Text-to-Scene Images for Field Linguistics". Enhancing the WordsEye database with 2-D and 3-D images to allow for scenes that will be used in field linguistics.

EDUCATION

The Fu Foundation School of Engineering, Columbia University, New York, NY

Candidate for Bachelor of Science in Computer Science

Cumulative GPA: 3.33/4.0 • Dean's List Spring 2013

Current coursework: Machine Learning, Introduction to Databases, Probability and Statistics

SKILLS

Native Spanish speaker, written and oral. Intermediate spoken German.

Languages: Proficient in Java, JavaScript (jQuery, d3.js), R, Ruby on Rails, Python

Software: Adobe Creative Suite, Autodesk Maya, Microsoft Office Suite

Other: UNIX, Git, MongoDB, SQL

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