Alexander Li

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Education

Florida International University, Miami FL   **Expected Graduation: December 2017**

- Candidate for B.S. in Computer Science
- Cumulative GPA: 3.43

Coral Park Senior High School, Miami FL   August 2009 – May 2013

- Graduated Cum Laude

Experience/Leadership

FIU Geographic Information Systems (GIS) Center – Intern Web Developer   **November 2015 - Present**

- Customized interfaces for different domains of Geoportal, a web application used to find/access geospatial information.
- Worked on improving Geoportal search efficiency by filtering records from the database according to collection name.
- Created series of short presentation videos for various landmarks in Coral Gables using Google Earth Pro.

FIU ENLACE – Assistant Chess Tutor   **June 2012 – July 2013**

- An academic summer program for middle/high school students at Florida International University.
- Taught chess to students in a way that allowed them to enhance their critical thinking skills.
- Assisted with developing grading criteria and calculating grades for over 100+ students.

GPS Enabled Devices Presentation

- Delivered a presentation on the ethical standards of allowing GPS enabled devices to the GIS department.
- Discussed its ethical standards with a panel of GIS directors.

Projects

Python Script (URL Analyzer)

- Developed Python script that runs on the server periodically to monitor and log downtime of all production sites for the GIS department.
- The xml config file can be modified to check the network status of any URL.

PHP/SQL Webform

- Created a webform using html/css/javascript for the front-end and php/sql for the back-end. The webform requests a name, email, and a comment.
- Timestamps the submission of the form and stores the information in the database as a record.

Skills

- **Programming Languages:** Java, C, Python, PHP, HTML, CSS, Javascript, Bootstrap, JQuery, SQL
- **Software:** Google Earth Pro, Adobe Photoshop, Microsoft Office
- **Languages:** English-Native, Spanish-Native, Cantonese- Basic