

ALEXIS CRUZ

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EDUCATION

CUNY New York City College of Technology

December 2018

Bachelors of Technology in Computer Systems

Relevant Courses:

Dynamic Web Programming with JSP
Java Applications with Databases
Design of Distributed Databases
Introduction to Web Programming with HTML and CSS
Multi-Media and Mobile Programming with Java
Object Oriented System Design

TECHNICAL SUMMARY

Computer Languages	Python 3, Java, HTML, CSS, SQL, XML
Frameworks	Django, Bootstrap, Bulma
Software & Tools	Excel, LaTeX, SQL/Oracle DBMS, BASH, Android Studio, Netbeans & Emacs
Operating Systems	Windows 7, MacOS, GNU/Linux: Arch Linux, Raspbian & Ubuntu

WORK EXPERIENCE

Hearts and Minds

Manhattan, NY July 2017 - August 2017

Junior Web Programming Intern

- Front End development on a campaign website for raising awareness and support for poverty stricken countries.
- Use of Wordpress and CiviCRM for creating and styling user application forms.
- Supervised and mentored two high school students in HTML, CSS and programming fundamentals.

MAGNET at New York University

Brooklyn, NY June 2016 - August 2016

Web Programming Intern

- Assisted on NYU's Ability Project where we worked on making a visually oriented language like Processing accessible with a javascript library p5.js
- Implemented semantic HTML5 elements to the p5.js website for accessible navigation for the visually disabled using screen readers.
- Researched various technologies such as ARIA and AJAX for screen reader compatibility.

Helen Keller Services for the Blind

Brooklyn, NY June 2015 - August 2015

Junior Programming Intern

- Assisted in programming a spreadsheet tool in VBA that would be used for assessing a visually impaired person's skills using Excel.
- Created various tests such as sorting, filtering, setting formats and creating formulas.
- Emphasized accessibility, making the spreadsheet easy to navigate with clear labels and instructions.
- Researched and studied VBA's event-driven properties and implemented those features into the spreadsheet.

INDEPENDENT PROJECTS

Personal Website CruzPort.com

Personal website portfolio. Built by using the Django web framework along with Bulma, a responsive CSS framework based on flexbox. I am currently setting up a virtual host with Digital Ocean

Statistical Soccer Database

Using data scrapped from the internet I populated tables with data for soccer leagues and teams. Currently researching how to integrate APIs for a more accurate data representation for live fixtures.