Raymond Ferranti

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github.com/RayFerr000

SUMMARY

I am currently a Graduate Student at the City University of New York - City College working towards a Masters in Computer Science. My main area of concentration is Computational Theory, however, I have developed a healthy obsession with web technologies.

SKILLS

- Using **Django** and **Rails** as backend frameworks
- **Node.js** and **jQuery** for server-side and browser Javascript respectively
- **TDD** to ensure reliable code
- **SQL** and **Document-oriented** database design
- **Git** and **Mercurial** for distributed version control to manage workflow of medium sized teams
- Implementation of various **Artificial Intelligence** heuristics including Genetic Algorithms and **Neural Networks** to find approximate solutions to NP-Complete problems
- Strong knowledge of **Object Oriented Programming** methodologies with implementation using Python, Java, and C++
- Deep understanding of the fundamental **Data Structures** and **Algorithms**

EDUCATION

City University of New York - City College
2014 - 2016
Masters of Science, Computer Science
In progress

City University of New York - Herbert H. Lehman College
2010 - 2014
Bachelor of Science, Computer Science
Grade: Cumulative GPA 3.5 - Cum Laude

Projects

Peer Led Team Learning (github.com/rayferr000/PLTL)
- Served as the Product Manager and Lead Developer for a course management website that provides functionality for TA's
- **Django**, **Foundation**, and **jQuery** used to build the site

CoderDojo (github.com/rayferr000/coderdojo)
- Contributed to the development of an event management site for the non-profit organization CoderDojo
- Site was built using **Rails** and **Bootstrap**

Extra
CUNY-NYTECH

Selected and completed a yearlong web development workshop which was designed to help CUNY students acquire the technical knowledge necessary to land a job as a web developer.