

Jonathan Clifton Bassi

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OBJECTIVE:

I am looking for a summer internship in the field of computer science with an emphasis in big data, machine learning, or the implementation and creation of algorithms.

WORK EXPERIENCE

HDR, Inc. Claremont, CA

October 2011 - Present

- **Laboratory Technician**

- Testing and analysis of lab samples

- Developed and implemented database solution for laboratory analysis, sample handling, job handling and invoicing, saving man hours and money for the company.

Raging Waters Water Park, San Dimas, CA

Summers 2010 – 2014 (Seasonal)

- **Aquatics Supervisor**

- Full CPR and Lifeguard certification, supervisory role over lifeguards, crisis management and response.

EDUCATION:

California State Polytechnic University, Pomona

September 2010 - Present

Graduating June 2016

- **B.S. in Computer Science**

- C.S. GPA: >3.9

- Overall GPA: >3.0

- **Course Work**

- Courses: Data structures and algorithms/algorithm analysis, Assembly, GUIs, Statistics, Linear Algebra and Differential Equations, G.E.'s, as well as several mechanical engineering classes

- Senior Project: Research and implementation/programming of data mining and analysis tools with a specific emphasis on social networks (Twitter, Facebook, etc.), data clustering and natural language processing.

Programming Experience:

- **Java:**

- Proficient experience, knowledge of data structures, objects, algorithms, GUIs

- Various small projects (in school and outside of school) demonstrating what I've learned
github: <https://jon-bassi.github.io>

- **C/C++:**

- Proficient experience with wringing code in C/C++ including pointers, dynamic memory allocation and objects.

- **Matlab:**

- experience with writing code and general usage

- **Linux**

- Basic knowledge and command line usage

- **Python**

- Basic knowledge and experience

References Available Upon Request