

Victor Suriel
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OBJECTIVE

Obtain entry level position in data analysis or backend programming

EDUCATION

M.S. in Applied Mathematics at Brown University

Aug 2014 - May 2016

B.S in Mathematics at Stony Brook University

Sep 2010 - June 2014

TECHNICAL SKILL SET

Programming Languages: C, C++, Python, PHP, R, MPI, MATLAB

Database Systems: MySQL

Scripts: JavaScript

Web Designing: HTML, CSS, JQuery, AJAX, JSON

Platforms: Windows, Linux, Mac

Tools: Github

RELEVANT COURSEWORK

Statistics, Probability Theory, Partial Differential Equations, Fluid Mechanics

ACADEMIC PROJECTS / WORK EXPERIENCES

Personal Website: <http://www.victorsuriel.com>

- Developed and continuously maintain personal webpage and database
- Wrote computer games and other programs in **JavaScript**
- Dynamically interact with a **MySQL** database using **JQuery**, **AJAX**, and **PHP**

Private Math Tutor: <http://varsitytutors.com>

- Tutored students in private sessions in statistics, calculus, and physics.
- Design problem sets, practice exams, and study plans to further assist understanding of core material

Graduate Student: <https://github.com/victor-suriel>

- Wrote programs for a variety of mathematical problems in statistics and physics
- Developed complex, object oriented algorithms in **C**, **C++**, **Python** to for statistical analysis and fluid mechanics

Academic Researcher: <http://arxiv.org/pdf/1308.3675v1.pdf>

- Analyzed the population dynamics of an invasive species using computer simulations
- Coded programs in **R** and **Python** to solve differential equations
- Attended 3 months of courses in statistics and computer programming