Dev Kapupara

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Objective

To obtain an Internship in an IT company employing my technical knowledge, automation and problem-solving skills.

Education

BACHELOR OF SCIENCE | SAN JOSE STATE UNIVERSITY | SAN JOSE, CA

- Major: Applied Math and Computer Science
- GPA: 3.838
- Related coursework: Data Structures and Algorithm, Object Oriented Design, Database Management Systems, Advanced Python, Combinatorics, Linear Algebra, Applied Probability and Statistics.

Skills

Coding: Java, Python, C, JavaScript, jQuery, HTML, CSS, Django, SQL, Git

Technologies/Environment: Windows, Mac, MySQL, Bash,

Experience

RUTGERS UNIVERSITY | LEARNING CENTER | FEBRUARY 2015 – MAY 2015

Tutoring students in Discrete Math, Physics 1, Programming in Python and Math courses up till CALC 1.

SAN JOSE STATE UNIVERSITY | MATH DEPARTMENT | OCTOBER 2017 – MAY 2018

Assist students with problem solving skills; reinforce topics learnt in class; handing out weekly quizzes.

SAN JOSE STATE UNIVERSITY | CS DEPARTMENT | AUGUST 2018 – PRESENT

Lab Facilitator and Grader for CS 46B; solve doubts; grade assignments and labs; submit weekly reports.

Projects

- Grading Automation (Fall 2018): Python Script that grades entire section's submission
  - Automating compilation and running Java programs and calculate score and upload it on Canvas.
  - Helped the grading team to automate the process for grading 180+ submissions.
- 2-3 Tree (Spring 2018): B-Tree of factor 3, implemented in Java.
  - Designed a Generic 2-3 Tree as a viable replacement to Java's Tree DS.
  - Gained knowledge of efficient way of data organization and insights into Generics.
- Virtual Portfolio (Spring 2018): Designed a portfolio using HTML, CSS, jQuery and JavaScript.
  - Took a course on Udemy to learn web development and applied learnt topics to design my own website, hosted on GitHub at devkapupara.github.io
- SuperMath (Fall 2017): Harnesses the power of Wolfram Alpha to perform calculations locally.
  - Features include differentiation, integration, Eigenvalues and vectors, Runge-Kutta/Euler's approximation to an ODE, Permutation of data, series analyzer, etc.

Links

- GitHub: https://github.com/devkapupara
- LinkedIn: https://www.linkedin.com/in/devkapupara/