DAMIN ZHANG

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EDUCATION

University of Massachusetts Amherst
B.S. in Computer Science, Data Science concentration   *GPA: 3.56*   *Fall 2015 - Spring 2019*
Minor in Mathematics
Dean's List: Fall 2015, Fall 2016, Spring 2018

Courses Taken: Practice and Applications of Data Management, Programming with Data Structure, Introduction to Algorithms, Software Engineering, Introduction to Computer Vision, Web Programming

SKILLS

Programming Languages: Python, Java, C, MATLAB, Scala
Web Programming Languages: HTML5, CSS, JavaScript
Database Skills: PostgreSQL, MySQL, MongoDB

PROJECTS

SoVal | Liberty Mutual   *February 2018 – May 2018*
Developer
Implemented a web addon for Liberty Mutual users accessing their quotes. Course project for Software Engineering. Liberty Mutual team was satisfied with the final project and presentation.
− Implemented the website frontend using HTML5, CSS and JavaScript and the backend using Python.
− Utilized Facebook Graph API to access users' basic information for quote analysis.
− Planned project schedule and presented to Liberty Mutual team each month.

EXPERIENCE

Database Maintenance | Gongyi Agriculture Department   *July 2018 – September 2018*
Data Scientist
The project scope was improving quality of data and usability of database. After the project was accomplished, data accuracy increased by 50%, resolved farmers didn't get paid in accurate amount issue.
− Implemented new database using SQL.
− Filtered out low quality data and update with high quality data.
− Presented visualized report using Excel to the manager.
− Wrote tutorial for future reference.

UMass Student-Run Business Cooperative | Amherst, MA   *March 2016 – May 2018*
Co-Manager
Developed and improved business skill as a co-manager at a democratic, student-run business cooperative.
− Served as Data Analyzer and Payroll Manager, analyzed business cost and profit data to enhanced business consistency. Contributed analyzing sales history to improve on-shift schedule efficiency. Launched different projects towards customers to improve quality of committees' work. Initiated new payroll system to improve quality of payroll data.
− Served as Bookkeeper, logged all sales data and analyzed sales report weekly. Presented report at all-staff meeting and answered any concerns.
− Served as Event Director, coordinated with UMass clubs, planned and launched different events around campus to increase exposure of the business.

EXTRACURRICULAR

HackUMass | Amherst, MA   *October 2016 – November 2017*
− Contributed the planning of the hackathon and checked in participants and sponsors. (Volunteer)
− Implemented a social media website using HTML5, CSS, JavaScript and Python. The project scope was guiding students joining activities and networking. (Participant)