

# DAMIN ZHANG

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## EDUCATION

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University of Massachusetts Amherst

**B.S. in Computer Science, Data Science concentration**  
**Minor in Mathematics**

*GPA: 3.5*

*Spring 2019*

Dean's List: Fall 2015, Fall 2016, Spring 2018

**Courses Taken:** Artificial Intelligence, Data Visualization and Exploration, Principles of Data Science, Software Engineering, Introduction to Computer Vision, Web Programming

## SKILLS

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**Programming Languages:** Python, Java, C, MATLAB, Scala

**Web Programming Languages:** HTML, CSS3, JavaScript

**Database Skills:** PostgreSQL, MySQL, MongoDB, Relational SQL

**Other Skills:** UI/UX Development, Product Management, Excel

## PROJECTS

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**SoVal** | Liberty Mutual

*February 2018 – May 2018*

*Software Engineer*

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 HTML, CSS3 and JavaScript and the backend using Python.
- Utilized Facebook Graph API to access users' basic information for quote analysis.

**Flick** | Course Project

*September 2019 – December 2019*

*Web Developer*

Web development course project. Utilized Django framework to implement an application to match people who want to watch same movie.

- Implemented the URL routes and UI views using Python.
- Led the team implementing the data models.
- Designed and implemented the Static and Templates files in HTML and CSS.

## EXPERIENCE

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**Data Scientist** | Gongyi Agriculture Department

*July 2018 – September 2018*

*Gongyi, China*

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.
- Primarily focused on data cleaning, data exploration and visualization.

**Co-Manager** | UMass Student-Run Business Cooperative

*March 2016 – May 2018*

*Amherst, MA*

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.