

# DAMIN ZHANG

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## EDUCATION

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University of Massachusetts Amherst

**B.S. in Computer Science (with the focus on Data Science)**

GPA: 3.5

Fall 2015 - Spring 2019

**Minor in Mathematics**

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

## SKILLS

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**Primary:** Python, Java, C

**Web Development:** HTML, CSS3, JavaScript, Django

**Data Science:** Scala, SQL, Hadoop, Spark, MATLAB, PostgreSQL, MongoDB, Tableau

**Other Skills:** UI/UX Development, Excel, Data Analysis, Data exploratory and visualization

## PROJECTS

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**Software Engineer** | Liberty Mutual

February 2018 - May 2018

Amherst, MA

Implemented an interface to assist Liberty Mutual website users.

- The implementation was done by using HTML, CSS3, and JavaScript for frontend and Python for backend.
- Facebook Graph API has been utilized to access users' basic information for quote analysis.

**Web Developer** | Flick

September 2018 – December 2018

Amherst, MA

Web development course project. Django framework has been utilized to implement an application to match people who want to watch the 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 CSS3.

## EXPERIENCE

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**Software Engineer Intern** | Tencent

May 2017 – September 2017

Zhengzhou, China

Joined one of Tencent's partners Zhongyunweixun as software engineer intern. Primarily focused on implementing and debugging educational software in Java.

- Cooperated with my team to implement software in Java using existing frameworks.
- Debugged and wrote tests to ensure a robust finished project.

**Data Scientist** | Gongyi Agriculture Department

July 2018 – September 2018

Gongyi, China

The project focused on the data accuracy and user-friendliness of the database. As a result of project completion, data accuracy increased by 50%.

- Implemented a new database using SQL.
- Primarily focused on data cleaning, data exploration, and visualization.

**Co-Manager** | UMass Co-op

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 Analyst and Payroll Manager, analyzed business cost and profit data to enhanced business consistency. Contributed analyzing sales history to improve on-shift schedule efficiency.
- Launched several initiatives to improve the quality of customer service. Initiated a new accounting system to improve the quality of payroll data.
- Logged sales data and analyzed sales report weekly serving as a bookkeeper. Presented reports on business operations at the staff meeting and answered any concerns.