

DANIEL JOMAA

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EDUCATION

[University of Michigan, Ann Arbor](#) – *B.S. Computer Science*

Graduation: December 2020

GPA: 3.33

Graduation: December 2020

TRANSFERRED FROM

[Wayne State University](#) – *B.S. Computer Science*

GPA: 3.58

WORK EXPERIENCE

[JP Morgan Chase & Co](#) – *Machine Learning Intern*

January 2020 – Current

- Automated workflows for helpdesk staff in Wholesale Loan Services by developing a natural language interface for performing common tasks and fetching data from multiple different domains from a single point.
- Used Deep Neural Networks (DNN) and the *Amelia* framework to create the algorithm for interpreting natural language responses from users.
- Used Java/Spring API's to interact with company wide databases, microservices, and custom services that loan bankers can use to fetch loan details, static procedures documents, and query databases from many different domains with a single authentication header.

[Ford Motor Company](#) – *Software Engineer Intern*

June 2019 – August 2019

- Developed backend micro-services for consumer data coming from the Ford Pass app and website with Java
- Developed a multi-threaded redundancy framework in java/spring for datacenters in China and North America, which took the datacenters from a manual switching mechanism to automatic in case of an outage.
- Participated in the *Innovation Challenge* which resulted in winning *best in show* among all other intern entries for an innovative solution to a problem at Ford. High level directors gained interest in pushing my prototype to production resulting in a possible implementation in every Ford vehicle.

[OrderAi](#) – *Full-Stack Developer*

May 2018 – August 2018

- Co-developed the founding of a startup company for a text message ordering system based in natural language processing and a point-of-sale ordering system.
- Created point-of-sale interface for restaurants such as: Jets, Sammy's, and Marcos pizza chains.
- Built the companies' infrastructure on Google Cloud, using the App Engine service. Architected and developed a database for orders, restaurants, and users using Google Cloud's Datastore.

TECHNICAL SKILLS

[Languages](#)

C++ | Python | Java

[Web Frameworks](#)

Spring | Flask

[Machine Learning](#)

NLP | Neural Networks | Data Analysis

[Back End Technologies](#)

Microsoft SQL Server | PCF | AWS | GCP

[Proficiencies](#)

git | Linux/Unix | Agile | Junit

LEADERSHIP POSITIONS

[The Association for Computing Machinery](#) – *President*

January 2018 – December 2018

- President of the Wayne State Chapter of ACM with 60 active members. Managed society from membership to organizing speaker and career events. Ran day to day operations like organizing speakers, career events, board meetings and workshops.

[Wayne State Computer Science Department](#) – *Lab Instructor*

- Taught a lab section for an intro to computer science class - Created challenging coding problems, guided students, and graded assignments.