# Alex Mai

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## QUALIFICATIONS

- Programming in JavaScript, React, Node.js, Typescript, D3, jQuery, HTML, CSS, Bootstrap, Java, Azure
- Familiar with web protocols, client-side storage, cross-browser compatibility, JSON, XML, Git, Github
- Strong command of database technologies like SQL, MySQL, MongoDB, Azure Cosmos DB
- Proficient in Microsoft Word, Excel, PowerPoint, Projects, Adobe Photoshop, InDesign
- Project management, communication, teamwork, and motivation skills demonstrated in leadership activities
- Bilingual in English and Chinese

## SOFTWARE ENGINEERING & TECHNOLOGY EXPERIENCES

**Dassault Systemes**                                                                                           **Los Angeles, CA**
*Technical Consultant - Developer*                                                          *May 2018 – May 2019*

- Solutions expert in Delmia Apriso, Dassault Systemes' manufacturing execution system
- Liaise between clients, support, and R&D teams to translate business requirements into process flows and code, resolve product bugs, and fulfill enhancement requests
- Strengthened knowledge of SDLC by following waterfall and agile methodologies on projects
- Creating SVG drawing and animations libraries, reusable UI components, and turn mockups into code

*Select Projects*:

- $13.3 billion industrial manufacturing company
  - Leveraged HTML, CSS, JavaScript, and SQL to work in a team of three to implement manufacturing software and build seven web pages in 12-week project while maintaining good rapport with clients
  - Gathered requirements, adhered to timeline and budget, and built mockups and prototypes
  - Delivered a technical presentation on the implementation, challenges, and lessons learned to North American colleagues and global leadership
- $16.6 billion aerospace manufacturing company
  - Created a mapping tool using D3.js to fulfill a project change request and increase revenue

**Nestle Purina**                                                                                                   **Saint Louis, MO**
*Intern*                                                                                                               *Summer 2017*

- Developed VBA script in Excel to automate cycle count reporting on factory bins, saving $1.6K per year
- Tested and investigated issues with Auto Pallet/Auto Loader software and reported findings to manager
- Delivered presentations at end of each of 10 projects to improve on business communication skills

**University of Rochester**                                                                                   **Rochester, NY**
*Front and Back End Teaching Assistant*                                                              *2015-2017*

- Teaching Assistant for front end and back end development courses using HTML, CSS, JavaScript, PHP
- Evaluated and provided feedback and improvements to student portfolios and projects
- Participated in workshop leader course to improve on leadership and teamwork skills

## APPLICATION DEVELOPMENT PROJECTS

**Trackr – CRM Web Application**                                                            **March 2017 - Present**

- Reengineering and refactoring front end user interface with ReactJS components
- Developed program using PHP and SQL for users to save contact information, comments on conversations, and ultimately manage relationships with people in their networks

**CRUDLIST – Classified Advertisement Web Application**                                      **Fall 2015**

- Used HTML/CSS/Bootstrap, and JavaScript (AJAX, JSON, jQuery) for front-end, SQLite for database, and Python for back-end development to create a marketplace for potential buyers and sellers
- Managed a group of three to ensure the completion and timeliness of the application

## EDUCATION

University of Rochester                                                                                     Rochester, NY
**Computer Science and Business Double Major: *cum laude* (GPA 3.77)**            **December 2017**

- Mock Trial Scholar, Dean's List 6/7 semesters
- Beta Gamma Sigma (Business Honor Society), Alpha Kappa Psi (Business Fraternity)