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**JASON DIU**

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## EXPERIENCE

### NIELSEN

Sept/17 – Dec/17

Software Developer

- Trained an SVM on 2 million item descriptions to classify products with less than 2% error and reducing the time required for manual classification by 95%
- Developed an internal web application and .NET web API
- Developed a C# console application to automate an ETL process

### SEARS INITIUM

May/17 – Aug/17

Software Engineering

- Refactored product listing pages, removing redundancy and optimizing code resulting in up to 40% decreased load times
- Developed and presented a technical case study to company leaders, achieving approval to move forward with integrating new technologies such as ReactJS and AWS
- Rebuilt the Sears Canada e-commerce website's checkout system using ReactJS

### MAGMIC INC.

Sept/16 - Dec/16

Full Stack Developer

- Enhanced feature set of an in-house Android QA app to optimize the QA team's testing process
- Prototyped a real-time multiplayer game in Unity3D in C# using a Socket.IO server
- Designed and built a UI to manage user permissions for a custom dashboard using AngularJS

### HUBNEST INC.

May/15 - Aug/15 & Jan/16 - Apr/16

Intermediate Developer

- Lead developer for two major projects: [getarate.com](http://getarate.com) and [influencegrp.com](http://influencegrp.com), building complex, responsive, and dynamic front-end components (e.g. three financial calculators from GetARate)
- Managed group of developers and coordinated with project managers to meet project milestones and deadlines
- Consulted project management team and clients on technical limitations and UX

### ANTRADAR SOFTWARE INC.

Sept/14 - Dec/14

Junior Programming Analyst

- Lead developer for two major projects, building responsive and dynamic websites with the LAMP stack
- Developed custom CMS's using the Gyroscope framework to allow clients to automate content management

## SKILLS SUMMARY

- **Languages:** JavaScript, PHP, Python, HTML, CSS, Java, C#, and C++
- **Platforms/Frameworks:** ReactJS, Scikit-Learn, LAMP stack, Git, SVN
- Extensive experience building dynamic and responsive web applications
- Experience architecting and managing complex database schema
- Experience developing and training machine learning classifiers

## EDUCATION

**Candidate for Bachelor of Computer Science**

Honours Computer Science, Co-operative Program

University of Waterloo

Anticipated Graduation - September 2018