

# Samta Priya Jain

Computer Science 2A | spriyajain.github.io | spjain@uwaterloo.ca | 647 860 5622

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## EXPERIENCE

Veeva Systems | Software Engineering Intern

May 2019 - August 2019

- Launched product demo site using **React**, integrating search and data management widgets to fetch live updates from API
- Implemented data customizability on dynamic hierarchical graph visualization used **9100+** times monthly, using **JMVC, EJS, Sass, D3**
- Improved UI coherence and usability across the product by supporting custom entities and relationships of the user's specifications
- Developed interface of interactive force-directed graph widget used to visualize complex relationships using **Polymer, D3**

WatLock | Software Team Co-Lead

Oct 2018 - Present

- Leading SEDRA design team to engineer airlock for Mars colony
- Directing projects to build UI for astronaut interface and construct **server communication** methods using Arduino and C

Junior Achievement | Web Developer

Oct 2016 - Apr 2017, Oct 2017 - Apr 2018

- Collaborated to design brochure websites for two startups, achieving ROI of **242%** within 7 months of operation
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## PROJECTS

Angry Antarctic

Jan 2018

- Created 2D **Unity** game inspired by Angry Birds using C# and Unity's physics engine, and designed 10 levels of unique gameplay

Pocket Observatory

Aug 2019

- Created Android VR app simulating immersive night sky experience using **Unity, C#** at Hack The Six 2019

GrowSeries

Sept 2019

- Built customer traffic data collector prototype using **React, Google Maps API** at Hack the North 2019

Forest Fire Damage Predictor

Aug 2018

- Applied machine learning regression Random Forest, predicts amount of land damaged by analyzing environmental data
- Used **Python** with Pandas, Numpy, and Scikit libraries to prepare, train, and test data with **95.08%** accuracy

## SKILLS

**Languages:** Javascript/ES6, EJS, Python, Java, HTML, CSS, SCSS, C#, C, C++, SQL

**Technologies:** React, Node.js, Polymer, JMVC, Bootstrap, D3.js

**Tools:** Git, Unity, Unix, PyCharm, IntelliJ IDEA, Jenkins, JIRA

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## AWARDS

- **8th worldwide**, DECA's Business Finance Series, 2018
  - **First Place** in school for Canadian Computing Competition 2017, 2016, 2015
  - UW President's Scholarship Of Distinction, average 95+
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## LEADERSHIP

The Lions Byte | Executive

Sept 2017 - June 2018

- Organized and judged final submissions of two hackathons
- Conducted workshops on **web development** and **Python**

DECA | Co-President

Sept 2015 - June 2018

- Co-founded DECA competition chapter, led **171** students, **68** to compete provincially, **9** internationally
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## EDUCATION

University of Waterloo

Honours Computer Science

Candidate for Bachelor of Computer Science, April 2023