

# Jayant Arora

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## EXPERIENCE

*Insum Solutions*, Plattsburgh, NY

Junior Developer (Summer 2017)

- Worked on Art Gallery application as a full stack developer to implement functional and non-functional requirements using **Oracle Apex with HTML, CSS and JavaScript**.
- Added feature to alert currently logged in/active users of new purchases in real time.
- Implemented **Google Places and location API** dynamically based on data from database.
- Help reduce bandwidth on the server by only loading data when required which made page loads **81% faster**.
- Worked on open source projects started by the company ([Insum-Apex-Pro](#))

*State University of New York at Plattsburgh- Network Operations*, Plattsburgh, NY

Web Developer Intern (August 2016 – May 2017)

- Main objective was to be able to get data on how fiber cables in each building are connected to others.
- Worked as a backend developer using ExpressJS and MySQL as technologies.
- Collected data for over 30 network closets to populate the database to conduct efficient tests.

## EDUCATION

*State University of New York at Plattsburgh*, Plattsburgh, NY

BS in Computer Science with minors in Mathematics and Computer Security, **December 2017** GPA: 3.82

## SKILLS

*Programming Languages:* JavaScript(Intermediate-Advanced), Python(Intermediate-Advanced), C# (Beginner-Intermediate), PL/SQL(Beginner-Intermediate), Java (Beginner-Intermediate)

*Database Management:* Oracle, MySQL, SQLite

*Platform as service:* Heroku, Google App Engine

*Technologies/Frameworks:* jQuery, ExpressJS, NodeJS, MVC, Google Chrome Extensions

## PROJECTS

*Moodle Chrome Extension* (Fall 2017) – a Google Chrome Extension for SUNY Plattsburgh Students

- Helped students to remind them when an event is due.
- Main purpose of this application is to reduce load on Moodle servers located on campus.
- Handled security aspects of the application and make fetching data from Moodle servers as fast as possible.
- Have been informed by almost **20 users** that “it made my life much easier. I can now see my upcoming events right in my browser without going to Moodle”.

*URL utility Chrome Extension* (Fall 2017) – a Google Chrome Extension to see what is behind a shortened URL.

- Designed a **screenshot API** on my portfolio website to take screenshots of requested webpage.
- If a page contains a shortened URL which may or may not be malicious users can get a small image of webpage on hover to get an overview of what the page actually looks like.
- Example of API: <http://www.jayantarora.com/api/screenshot/www.google.com>

*HTML to JS Atom Extension* (Summer 2017) – an Atom Editor Extension to convert HTML string to JS blocks.

- A small extension for Atom Editor users to convert HTML code that is in string format.
- The converted JS blocks are in ES6 format which can be used as is just by pressing Ctrl+Alt+O.

*CampuSale* (Fall 2016) – web app for on campus students to sell used things to other students ([CampuSale](#))

- Web app written in ExpressJS framework.
- Wrote all server side code for routes and database integration.
- Responsible for managing database side of the application. Created ER diagrams to construct DB schema.
- Responsible for setting up development server for all team members and handling frontend interactive actions.

## LEADERSHIP EXPERIENCE

*Student Mentorship Guild* (Winter 2016 – Spring 2017) – President and Co-Founder

## HONORS

- Member of SUNY Plattsburgh Honors Association
- Dean’s list for 6 consecutive semesters
- Member of Phi Kappa Phi Honor Society
- Member of Phi Eta Sigma Honor Society
- Awarded Freshman Merit Scholarship