

# Jayant Arora

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## EXPERIENCE

**Vermont Information Processing**, Colchester, VT

Software Engineer, iOS (January 2018 – Present)

- Plan, design, implement and maintain suite of 4 applications (VIP Karma, Sales, Merchandising, Delivery).
- Participate in code reviews and knowledge sharing sessions about what's new in Swift community.
- Perform regression testing to test for potential retain cycles, memory leaks or high battery usage.
- Research use cases and potential new features to provide better user experience to end users who are mostly delivery drivers, sales representatives, distributors, merchandisers etc.

**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. Used **Google Places API**.
- 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.

## SKILLS

**Programming Languages:** Swift(Intermediate), Objective-C(Intermediate), JavaScript(Intermediate), Python(Intermediate)

**Database Management :** Oracle, MySQL, SQLite

**Platform as service:** Heroku, Google App Engine

**Technologies/Frameworks:** Core Data, CocoaPods, Git, FastLane, Crashlytics, Mixpanel, HomeBrew, Jenkins, ExpressJS, 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. Helped 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>

**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.

## 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

## LEADERSHIP EXPERIENCE

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

## HONORS

- Member of SUNY Plattsburgh Honors Association
- Dean's list for 7 consecutive semesters
- Member of Phi Kappa Phi Honor Society
- Member of Phi Eta Sigma Honor Society
- Awarded Freshman Merit Scholarship