Chicago, IL
(Open to relocation)

# ROHIT PADMARAO

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## EMPLOYMENT

**Software Engineering Intern**            **GrubHub, Inc**                    **June - August 2018**
- Worked on menu validation for the Point of Sales: Aloha project, a part of Restaurant Integrations initiative
- Created an internal tool using Java Spring to test menu support for potential PoS integrations
- Designed validation features to check support for items and modifiers in the GrubHub menu structure, and created temporary test entities on demand to ingest menus after validation
- Tested all code using a combination of JUnit tests and performance testing using Scala and Gatling Testing

**Teaching Assistant**            **University of Illinois at Chicago**            **January 2018 - Present**
- Assist with multiple of the weekly labs for CS 211, Programming Practicum, which by supervising students and teach material where necessary for student comprehension of lab material
- Host office hours for several hours each week to offer help on class material and projects
- Cover memory management in C and basics of OOP in C++ in the 1st and 2nd half of the class, respectively

**Software Engineer**            **Potato Ventures, Inc**                    **July 2017**
- Designed the user and group profile and management pages on the front end as well as the RESTful API endpoints to support those pages, including queries to the database on the back end
- Implemented the front end in React.js + Redux.js + SemanticUI, and the back end in Node.js + PostgreSQL

**Software Development Intern**            **Social Sparkling Wine**                **June – August 2017**
- Designed a photobooth app using React Native to be set up at events which allowed users to take pictures and add a branded banner to them, and they could then be shared to the user's Facebook timeline
- Embedded a JavaScript Google map showing locations where Social Wine was available for purchase to the company website, which included a zip code lookup, a list of stores which moved to the currently selected store, and a detail popup for the currently selected store with a get directions link

## EDUCATION

**Chicago, IL**            **University of Illinois at Chicago**            **Fall 2016 – Spring 2019**
- Bachelor of Science in Computer Science, expected graduation in May 2019.  Major GPA: 3.0.
- Relevant Coursework: Algorithms, Systems Programming, Software Design, Programming Language Design, Languages and Automata, Computer Design, Data Structures, Programming Practicum, Discrete Mathematics, Program Design I and II
- In Progress: Networking, Object Oriented Languages, Mobile Development, Algorithms in Practice

## ADDITIONAL EXPERIENCE

**Projects**
- **Osprey for Twitter** (Present). Twitter Client for Android which displays home and user timeline in an uncluttered UI. Intended as a clean, lightweight replacement for the standard Twitter app. Working on implementing other features using the Twitter4j API for Java
- **GridLoc** (HackISU October 2017). Created a universal addressing system that assigned 10-bit addresses to 10x10m areas on the globe, essentially creating addresses for places without, such as third world countries. Included a map front end to add and view places at these addresses. Google has since implemented a similar system with their plus codes. (Written in JavaScript, https://github.com/rpadmarao/gridloc)

**Languages and Technologies**

**Proficient with**
- Java; C; C++; Spring Framework; JavaScript; SQL; IntelliJ IDEA; Android Studio; Unix Terminal; Git

**Prior experience with**
- React.js, Node.js, PostgreSQL; React Native; Python; C#.NET; ADO.NET; Visual Studio; Microsoft SQL Server