

# Tom Odon

Chicago, IL, 60630

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## EDUCATION

### DePaul University, Chicago IL

2015-2017 (expected completion 06/17)

M.S., Computer Science — *Concentration in Software and Systems Development*

GPA: 3.63 / 4.00

### Harper College, Palatine, IL

2013-2015

Computer Science Coursework

### University of Illinois, Urbana, IL

2005-2009

B.S., Music Education

## COURSEWORK

Concurrent Development  
Artificial Intelligence

Web Applications  
Software Engineering Studio

Programming Languages  
Distributed Systems

Database Technologies  
OO Programming

## TECHNICAL EXPERIENCE

### Software Engineering Associate

October 2016 – Current

PerkSpot

Chicago, IL

- Participated in all stages of the software development lifecycle with technology team.
- Developed software tools that enhanced and automated analytics reporting of user interaction data.
- Utilized 3rd-party APIs to gather data; wrote libraries to pull data automatically to internal databases.
- Learned agile development practices including stand-ups, Kanban board, and continuous integration.
- Handled IT support issues including email migration, hardware setup, and related minor tickets.

## TECHNICAL SKILLS

Java  
Python  
Spring

JavaScript  
HTML  
Angular2

C#  
CSS  
Android

Typescript  
SQL  
Elasticsearch

Scala  
XML  
Git

## PROJECTS

**Synset Mapping (Console):** Leveraged graph algorithms to find semantic relationships between words in network of 60K nodes.

**Languages:** Java **Concepts:** Graphs, Breadth First Search, Depth First Search, I/O, Binary Search

**Airline Booking System (Console):** Implemented functionality for Expedia-like travel reservation system. Designed UML, created and queried databases for mock cases, wrote functions to utilize data, applied design patterns.

**Languages:** Java, SQL **Concepts:** OOP, databases, design patterns, JDBC, unit testing

**Geographical Quiz (Mobile):** Wrote simple true/false quiz as vehicle for learning Android development. Enabled reactive user cheat functionality, routing between fragments and activities, and light animation.

**Languages:** Java, Android, XML **Concepts:** activities, listeners, fragments, toasts, MVC, testing

**Transit Tracking (Web):** Utilized the Chicago Transit Authority's train API and Google's Maps API to find upcoming train arrivals near user location in an Angular2 single-page application.

**Languages:** Typescript, JavaScript, HTML, CSS **Concepts:** forms, routing, data validation, MVC, web services

## OTHER WORK EXPERIENCE

### Import Operations Specialist

2012 – 2016

ICS Worldwide

Elk Grove Village, IL

- Interfaced daily with ICS's largest clients, including a manufacturer with \$1.4B in annual sales
- Utilized SQL-based queries, collaborated with SQL developer in development of B.I. interface
- Reduced paper consumption by 25% through elimination of redundant operation steps in department workflow
- Resolved IT issues related to computers, software, server for both local and off-shore employees