Tom Odon

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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	Web Applications	Programming Languages	Database Technologies
Artificial Intelligence	Software Engineering Studio	Distributed Systems	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	JavaScipt	C#	Typescript	Scala
Python	HTML	CSS	SQL	XML
Spring	Angular2	Android	Elasticsearch	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 stephs in department workflow
- Resolved IT issues related to computers, software, server for both local and off-shore employees