

Tom Odon

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EDUCATION

DePaul University, Chicago IL M.S., Computer Science — <i>Concentration in Software and Systems Development</i> GPA: 3.74 / 4.00	2015-2017
Harper College, Palatine, IL Computer Science Coursework	2013-2015
University of Illinois, Urbana, IL B.S., Music Education	2005-2009

COURSEWORK

Concurrent Development	Web Applications	Programming Languages	Database Technologies
Artificial Intelligence	Software Engineering Studio	Distributed Systems	OO Programming
Machine Learning	Natural Language Processing		

TECHNICAL EXPERIENCE

Software Engineer <i>PerkSpot</i>	August 2017 – Current <i>Chicago, IL</i>
<ul style="list-style-type: none">• Maintained and expanded our consumer-facing website that serves 7MM+ users, as well as an internal admin portal.• Collaborated with three other engineers to build a new product with a Fortune 500 company as our first client.• Became a subject-matter-expert for site's shopping and wellness platforms that generate over \$3MM in annual revenue.• Served as buildmaster in development process, submitted and reviewed daily code reviews to maintain clean working code.• Acted as an operations contact for server-related matters.	

Software Engineering Associate <i>PerkSpot</i>	October 2016 – July 2017 <i>Chicago, IL</i>
<ul style="list-style-type: none">• Participated in all stages of the software development lifecycle with technology team in .NET environment.• Contributed to development of new products and features for PerkSpot users and clients.• Developed tools that enhanced and automated analytics reporting of user interaction data via ETL.• Utilized 3rd-party APIs to gather data; wrote libraries to pull data automatically to internal databases.• Learned agile development practices including daily stand-ups, Kanban board, and continuous integration.• Handled IT rotating support issues for office of 30 including email migration, hardware setup, and minor tickets.	

TECHNICAL SKILLS

Java	JavaScript	C#	Typescript	Scala
Python	HTML	CSS	SQL	XML
Spring	Angular2	Android	Elasticsearch	Git

PROJECTS

- Simacogo Game (Console):** Leveraged Minimax algorithm and alpha-beta pruning to develop an artificial game opponent.
Languages: Java **Concepts:** Depth first search, design patterns, recursion, trees, minimax, alpha-beta pruning
- 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
- Chef-ly (Mobile):** As a member of 5-person team, worked to develop computer-guided cooking application with voice interaction. Collaborated on development and administration of backend Node server, Android authentication, and UI/UX design.
Languages: Java/Android, XML, Node.js **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

COMMUNITY INVOLVEMENT

CodePlatoon: Acted as a teaching assistant for veterans learning how to program.

Chicago Java Users Group: Attended meetings at least once per quarter.

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