

Charles Drews

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SKILLS CS: Java | SQL | Typescript | Google Apps Script | REST API Integrations | Postman | Git/GitHub | Bash
Business: Project scoping & mgmt | Client relationship mgmt | Spreadsheet wizardry | Documentation

EXPERIENCE	Pursuit (formerly C4Q)	1/2018 – Present
	<i>Head of Systems, Data, and Analytics (prev. Head of Curriculum/Instruction & Lead Instructor)</i>	New York, NY
	<ul style="list-style-type: none">Design/code/maintain a dozen internal systems in Typescript & Google Apps Script including custom integrations with GSuite, Greenhouse, Trello, Canvas, GitHub, Mailchimp, & CalendlyImplemented Salesforce: owned data migration, dashboard construction, feature config/adminManaged 10+ instructors/TAs to continuously improve & deliver 6 separate curricula, including data structures & algorithms; Android, iOS, & web development	
	General Assembly	6/2016 – 9/2017
	<i>Lead Instructor (prev. Junior Lead Instructor & Instructional Associate)</i>	New York, NY
	<ul style="list-style-type: none">Taught Data Analytics (incl. Excel, SQL, & Tableau) and Android Development (Java) coursesLed daily code reviews of students' work, prepared & led lessons, maintained curriculum org & repos on enterprise GitHub, built course website w/ Markdown & GitBookWrote over two dozen new lessons/exercises/assignments, including lessons on MVP architecture, testing w/ Mockito, master/detail flow, Canvas & SurfaceView, Github Pages	
	NYU Langone Medical Center	2/2015 – 9/2015
	<i>Senior Performance Analyst</i>	New York, NY
	<ul style="list-style-type: none">Aggregated disparate data to produce analyses for a C-suite audience on a daily basisPerformed over a dozen regression & correlation tests to quantify relationships between metricsBuilt several KPI models to quantify facility utilization & throughput; tracked Lean metricsFacilitated monthly interdepartmental meetings to verify and explain trends in the data	
	Deloitte Consulting LLP	3/2005 – 8/2014
	<i>Manager (prev. Sr. Consultant, Consultant, Analyst)</i>	Chicago, IL & New York, NY
	<ul style="list-style-type: none">Built databases w/ 10MM+ records for over half a dozen clients; wrote SQL to analyze trendsWrote Visual Basic macros and built complex Excel models for over two dozen clientsLed development of client deliverables; traveled 1-2x per month to lead client meetingsManaged 5-10 client and internal projects at a time w/ 1-2 junior staff per project	

EDUCATION	New York University – Courant Institute of Mathematical Sciences	9/2014
	<i>MS in Computer Science</i>	New York, NY
	<ul style="list-style-type: none">Studied algorithm design & analysis, programming language theory, compilers, operating systems & virtual machines, database theory, NLP, and scientific computingBuilt and deployed web apps in Python and C#; implemented OS and VM components in CUsed MATLAB to solve systems, perform regression & interpolation, apply Monte Carlo methods	
	Northwestern University	6/2004
	<i>BA in Mathematics</i>	Evanston, IL
	General Assembly	1/2016 – 4/2016
	<i>Android Development Immersive Student</i>	New York, NY
	<ul style="list-style-type: none">Two apps in Google Play Store: a Pong clone and an Etch-a-Sketch app, both with from-scratch 2D graphics and game engine in JavaWorked w/ teams and solo to build dozens more apps utilizing various APIs, Retrofit, Volley, Picasso, Glide, SQLite, Realm, Firebase, background threads & services, SyncAdapters, etc.	