

Nik Sharma

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Skills

- **Languages:** Nabsic , Python, C/C++/Java, HTML/CSS/JS, SQL
- **Frameworks:** Flask, Django, Pandas
- **Databases:** Postgresql, SQL Server
- **OS:** Windows 7 / Windows 8 / Windows 10, Chrome OS, Ubuntu
- **Tools:** Heroku

Experience

QA Engineer, *Enablon North America*, Oct. 2013 - Present

- Coded automated regression tests for enterprise data validation and calculation software by reverse-engineering the design of the application and maximizing for code coverage; increased code coverage of application by 20%.
- Wrote regression test templates, functions, and classes used by the entire QA team. These functions prevented duplicate code across several hundred automated scripts.
- Debugged into failing production code and independently fixed development defects. In doing so, gave developers extra bandwidth to increase overall velocity by 25%.

Education

Lynda.com, *Independent learning*, 2016 - Present

- Certified in Foundations of Programming: Object-Oriented Design, Design Patterns, Design Patterns in Python, Data Structures, Code Efficiency, Databases, Test-Driven Development; JavaScript Essential Training, jQuery Essential Training

University of Illinois at Chicago, *M.S. in Mathematics (GPA 3.4 / 4.0)*, 2011 - 2013

- Studied algebraic topology, graph theory, number theory, measure theory, statistics, real analysis, complex analysis, abstract algebra, and differentiable manifolds
- Led discussion sections and developed exam material for large undergraduate lecture classes including statistics, calculus, and real analysis

DePaul University, *B.S. in Pure Math (GPA: 3.92 / 4.0 Summa cum laude)*, 2007 - 2011

- Awarded the *Presidential Scholarship & Departmental Award for Mathematics* in 2011
- Studied linear algebra, numerical analysis, topology, combinatorics, and differential equations