

# Walter Han

New York, New York

Data Engineer at Facebook

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## Experience

Data Engineer at Facebook

January 2017 - Present (2 years 9 months)

Senior Data Engineer at Outcome Health (formerly ContextMedia, Inc.)

January 2015 - January 2017 (2 years 1 month)

First data engineer hire at Contextmedia - architected and built data backend (AWS Redshift) using Luigi to facilitate data movement.

Perform data wrangling and analysis using SQL and Python, using Tableau and Python to visualize concepts.

Senior Database Developer at Enova Financial

July 2011 - January 2015 (3 years 7 months)

- Coordinate with business teams and application developers to model database structures, design Rails application models, and deploy database code in a no downtime environment
- Optimize code on both application (Rails) and database (PostgreSQL) side, addressing object-relational impedance mismatch and poor/legacy data structures
- Query writing and optimization in PostgreSQL database
- Code stored procedures and triggers in PL/pgSQL
- Implement internal database tools, jobs, and scripts using the best tool available (Perl, Python, Ruby, or Bash)
- Mentor and provide guidance to junior developers on best data practice as a member of internal data architecture committee

Web Developer at Northwestern Univeristy

June 2010 - May 2011 (1 year)

Develop and deliver content management systems for various departments at Northwestern University using PHP and SQL.

Embedded Software Developer Intern at Synaccess Networks

June 2009 - September 2009 (4 months)

Worked on a team at Synaccess Networks to develop and deliver a Linux operating system for an ARM7TDMI CPU. Developed and ported this platform to application engineers.

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## Education

Northwestern University

BSEE, Electrical Engineering, 2007 - 2011

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