

# Robert CARRINGTON

## CONTACT

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GITHUB: [github.com/rob carrington](https://github.com/rob carrington)

## WORK EXPERIENCE

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*Current* Senior Software Developer, DATA SCIENCE  
FEB 2016 Q2 eBanking, *Austin, TX*

One of four backend developers who took the Q2 SMART targeted marketing platform from experiment to production release. Q2 SMART won the 2017 NAFCU Innovation Award and now services 80+ financial institutions, serving messaging to 3MM+ end users and generating \$300K+ in MRR. Worked full-time on Linux, primarily using Python 3:

- Wrote the data pipelines and Flask APIs for reporting on marketing campaign performance
- Designed and implemented an ETL framework, using Scala and Apache Spark, which runs 10X faster than the previous Python-based framework
- Designed the data model for 20+ tables on an Apache Cassandra cluster
- Extended and maintained a service delivering natural-language search functionality to over four million online banking users

FEB 2016 Software Developer, PROFESSIONAL SERVICES  
SEPT 2014 Q2 eBanking, *Austin, TX*

Wrote 50+ custom extensions to Q2's core online banking functionality. These extensions, which are now in production serving up to 400,000 end users (depending on the client), were created using:

- Bootstrap and jQuery for the user interface
- Python 2 for backend business logic
- T-SQL to create queries, tables and stored procedures

MAY 2014 Web Developer  
DEC 2013 Engagency, *Austin, TX*

Worked on a team of three developers building C#/ASP.NET websites for enterprise-level clients. Project work included:

- Implementing a complete landing page redesign for Legrand, a \$6 billion electrical equipment company
- Building out filtering functionality for Middle Atlantic Products, a rack and enclosure company with a catalog of over 1,000 products

## EDUCATION

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JULY 2013 Master of Science in MATHEMATICAL LOGIC  
Universiteit van Amsterdam, Amsterdam, Holland

MAY 2011 Bachelor of Arts in MATHEMATICS and PHILOSOPHY, *hons.*  
Wesleyan University, Middletown, Connecticut

## AWARDS

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OCT 2016 **1st Place, Travel Smart Hackathon**  
*Galvanize + WayBlazer*

Created a travel blog aggregator that recommends hotel rooms based on your previously read articles. As one of two developers on the team, I was responsible for creating the front-end with Bootstrap and jQuery.