

Adrian Green

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Professional Experience

Senior Data Scientist - Tech Lead - Outlook

2016 - Present

Microsoft

Redmond, WA

- First data scientist in Outlook. Led team of 5 data scientists and engineers.
- Ran and analyzed 50+ A/B test to create massive time savings through UX simplification, break plateaus using AI with the Bing team, and test new features to drive tighter product/market fit.
- Unified experimentation and analysis pipelines, enabling instant metrics and dashboard creation for all areas within Outlook.
- Identified key growth areas and characterized user personas using sequential pattern mining and associative rule learning at large scale (~100 TB).

Software Engineer 2 - Windows Azure App Services

2012 - 2016

Microsoft

Redmond, WA

- Windows Azure App Services team, provided high-density website hosting in the cloud, responsible for over 5 billion requests per day.
- Wrote migration tools for Windows Server and Linux, allowing customers to move over 200 sites and databases per week onto Azure platform.
- Re-wrote deployment engines, cutting deployment time in half, saving 40 engineering hours per day. Currently runs all production and test deployments.

Technical Co-Founder

2011 - Present

AudioNotch

Toronto, ON

- Created platform to create custom sound therapy to treat tinnitus.
- Over 36,000 registered users since May 2012 launch and over \$180,000 in lifetime revenue.
- Designed and developed web application using Django/Python.
- Developed mobile apps using Ionic/Cordova.

Education

M.A.Sc. Electrical & Computer Engineering - Biomedical Collaborative Program

2010 - 2012

University of Toronto

Toronto, ON

Thesis: Computationally Characterizing Schizophrenia (received A+)

GPA: 4.0/4.0 (cumulative)

B.Sc. Mathematics & Engineering - Computing and Communications

2006 - 2010

Queen's University

Kingston, ON

Thesis: Localized Eigenface: improved existing computational facial recognition

GPA: 91% average equivalent to 4.0 GPA (ranked 4th in program)

Internship Experience

Software Developer

Summer 2009

Intelliware

Toronto, ON

- Developed central eHealth system to integrate with pharmacy software.
- Java web application using Spring, Hibernate, PostgreSQL.

Software Developer in Test

Summer 2008

IBM

Markham, ON

- Test and task automation, using shell and Perl.
- Failed code analysis, defect identification for Fortran compiler.

Academic Employment

Teaching Assistant (Mathematics, Electrical & Computer Engineering)

2010 - 2012

University of Toronto

Toronto, ON

- Courses: engineering computation and mathematics (fall 2010-2011), electrical and computer engineering drop-in tutorial (fall, winter 2010-2012), engineering project management (fall, winter 2011-2012).

Data Scientist (Curriculum Design)

2011

University of Toronto

Toronto, ON

- Created data visualizations of student evaluations with respect to engineering accreditation standards, to help professors tailor teaching styles.

Teaching Assistant (Mathematics, Engineering)

2008 - 2010

Queen's University

Kingston, ON

- Courses: calculus I & II (fall, winter 2008-2009), linear algebra (winter 2010), engineering drop-in tutorial (fall, winter 2008-2010), software engineering project management (fall, winter 2009-2010).

Awards

Top forum poster for Windows Azure App Service (team contest)	2015
Angelhack Mobile App Hackathon 2nd place	2014
Web Workload Hackathon Winner (team contest)	2013
Ontario Graduate Scholarship (\$15,000)	2011
Alexander Graham Bell Canada Graduate Scholarship (\$17,500)	2010
1st Place at Queen's Engineering Competition	2010
1st Place at Ontario Engineering Competition	2008