

JOHN M. MAIER

BASc. Nanotechnology Engineering, International Studies Option
University of Waterloo

Website: <http://johnmaier.com/career>

SKILLS SUMMARY

- **Programming:** Experienced with big data and web technologies including PHP, SQL, Python, HTML, Javascript and CSS. Also have hands on experience with Visual Basic and MATLAB.
- **Product Management:** Experienced navigating product design, user experience, technical obstacles, internationalization, legal and PR considerations to bring products from inception to launch
- **Intangibles:** Thrive in fast paced environments; demonstrated scrappiness and focus on impact working at a start-up in Manhattan and on the international growth and product analytics teams at Facebook
- **Languages:** Speak English and French fluently; excellent communication skills

WORK EXPERIENCE

Facebook

Aug. 2011 – Present

<http://facebook.com>

Lead, Technical Product Analytics; Menlo Park, CA, United States of America

- Leveraged data to impact product decisions, improve user experience, drive engagement and make money
- Led in depth investigations which shaped company strategy and defined goals for internal orgs
- Ran weekly metric review meetings with executives and was a regular presenter at org all hands
- Designed and analyzed experiments and a/b tests to inform product feature launch decisions
- Routinely used SQL (MySQL/Hive/Oracle) and python for ad hoc analyses automating data pipelines
- Responsibilities ranged from news feed, notifications and ticker to friend lists and content production

Facebook

Jan. 2010 – Aug. 2010

<http://facebook.com>

Technical Product Marketing; Palo Alto, CA, United States of America
International Growth

- Designed, built, and launched many high impact special projects on the international growth team
- Managed international partners and provided support in implementations of custom integrations
- Developed code daily using PHP, HTML, CSS and SQL; also wrote scripts in Python
- Designed and built Orkut exporter, allowing users in Brazil and India to export their FB activity to Orkut
- Managed design and development of Facebook Voice Updates service on Aircel in India
- Built and launched Hyves contact importer for users in the Netherlands

diPoll

March. 2009 – Aug 2011

<http://dipoll.com>

Co-Founder; Waterloo, ON, Canada

- With two partners, brought diPoll from an idea to a working website with tens of thousands of users
- Coded and launched user profiles, search, comments, admin control and site infrastructure (coded in PHP)
- Built and maintained MySQL database which records all user, poll and comment data for the site
- Designed and launched successful paid marketing campaigns with Facebook Ads and Google Adwords

Peek

Sept. 2008 – Dec. 2008

<http://getpeek.com>

Technical Product Manager; New York, NY, United States of America

- Gained invaluable experience working through product launch, regularly interacting with high level executives, and contributing in an extremely fast-paced start-up company
- Designed and developed a Retail Locator tool which used scraped Target's website to acquire data (scripted in Python), and plotted the data in real time on an embedded map (coded in Javascript)
- Coded automatically generated customer and financial reports (in SQL) to satisfy company data needs

Broadcom Corporation

Jan. 2008 – Apr. 2008

Chip Characterization Engineering Intern; Irvine, CA, United States of America

- Tested and evaluated the effect of core voltage and heat spreading plates on chip temperature using an isolation chamber, thermocouple, voltmeters, DC power supply and computer test station
- Operated high power testing station for extensive study of signal to noise ratios (SNR) over a range of frequencies in advanced satellite receivers (BCM4506, BCM4507, BCM7325)

Edgewater Computer Systems, Inc.

May 2007 – Aug. 2007

Systems Verification Engineering Assistant; Commercial Wireless Dept., Ottawa, ON, Canada

- Verified specifications and tolerances of RF power amplifiers for use in wireless access point (AP) products using signal generators, spectrum analyzer, network analyzer, power meter, and DC power supply
- Designed and developed a remote equipment switch (coded in Python) used by RF hardware engineers to switch between client traffic simulation stations and multiple wireless APs

EDUCATION

University of Waterloo, Waterloo, ON

Sept. 2006 – Apr. 2011

Bachelor of Applied Sciences, cGPA: 82/100

**Honours Nanotechnology Engineering, International Studies in Engineering Option
Co-operative Education Program (With Distinction)**

- Received two Undergraduate Research Awards from the Faculty of Engineering of the University of Waterloo for research collaborations with Dr. John Hamel
- Received WACE International WIL 2010 Student Achievement Award
- Received UW President's Scholarship and Special Nanotechnology Engineering Scholarship
- Launched MicroColbert.com as a spin-off of a class project; was interviewed on CBC national radio

INTERESTS AND ACTIVITIES

- **Thai Boxing:** Began training Muay Thai kickboxing in early 2009 and western boxing in 2010
- **Hockey:** Played hockey competitively for over 10 years; won provincial Tournament of Champions
- **World Travel:** Love to travel and explore new places; summited Mt. Kilimanjaro, hiked the Inca Trail to Machu Picchu, road tripped from Madrid to Morocco, bitten by a monkey in Gibraltar.

References are available upon request