

# DEAN ATTALI

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## SUMMARY

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- Won 3rd place in a national hackathon competition (Sportshack 2015)
- Ranked 6<sup>th</sup> in Canada in the 2006 Canadian Computing Competition
- Developed several open-source software with hundreds of stars/forks on GitHub
- Built four complete consumer web applications from the ground up (wish.com, glitr.com, makeupbee.com, jauntr.com)
- Author of popular website template Beautiful-Jekyll, R packages, productivity Chrome Extensions, JavaScript libraries, paid technical tutorials, and well-known R blog
- Languages used often: R, Java, Python, Bash, JavaScript, HTML/CSS, SQL, Perl

## EDUCATION

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**University of British Columbia, BC, Canada** 2013 – 2016

Master of Science / Bioinformatics Program

Thesis: Automatic analysis of dual-channel Droplet Digital PCR experiments

**University of Waterloo, ON, Canada** 2006 – 2011

Bachelor of Computer Science / Bioinformatics Option

Graduated with Distinction on Dean's Honours List, 90% cumulative average

## WORK EXPERIENCE

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### Sole Proprietor

Attali Tech, Toronto, Canada

07/2015 – Present

- Help businesses turn their algorithms into public-facing GUI-based web applications
- Build interactive analytics dashboards for both internal and customer use
- Teach organizations how to use GitHub, command-line tools, and R for efficient data analysis
- Aid clients in complex task automation and performing daily tasks more productively
- Clients range from individuals and startups to universities and large companies

### Head Teaching Assistant

STAT545, University of British Columbia, Canada

09/2014 – 12/2016

- Developed course web page, content, and software for facilitating administrative work
- Created and delivered major module in the course

### Senior Software Engineer/Product Manager

Jauntr Inc, San Francisco, CA

05/2010 – 12/2010 (Internship), 04/2012 – 08/2013

- Worked on all aspects of a startup as part of a three-man team
- Made design decisions about the product and regarding implementation architecture
- Wrote most of the website's frontend and many major backend components
- Always maintained a high quality of code, and was able to reuse framework to launch three sites in several months

### Lead Front-End Engineer & Internal Tools Developer

ContextLogic Inc, San Francisco, CA

08/2011 – 04/2012

- Made product and user-facing decisions that helped grow from 0 to 500k users in 6 months
- Led the front-end effort while developing coding standards that ensured quality and reusability
- Helped build several core components of application, including login process, signup flow, notifications, and numerous internal administrative tools
- Wrote an Android application, Chrome extension, and Wordpress widget

**Revenue Team Software Engineer (Internship)**

Tagged.com, San Francisco, CA

01/2009 – 04/2009

- Worked mainly with PHP and JavaScript/CSS to add new features to social networking site with 100M users, with focus on features that increase revenue
- Involved in all stages of development cycle, starting from brainstorming to database changes and back- and front-end code implementation
- Projects: Redesigning the Profile page, User Gifts, VIP Subscription, introducing a currency system, improving user experience on existing pages

**Google AdWords Front-End Developer (Internship)**

Google Headquarters, Mountain View, CA

05/2008 – 08/2008

- Designed and implemented UI features such as new tables to better visualize advertisers' stats
- Created a new system to inform advertisers about new features in AdWords

**Calculus and Algebra Teacher Assistant / Tutor**

University of Waterloo, Waterloo, ON, Canada

01/2008 – 04/2008, 09/2008 – 12/2008

**DB2 Tester (Internship)**

IBM Toronto Software Laboratory, Markham, ON, Canada

09/2007 – 12/2007

- Developed a large Perl tool that automated and facilitated testing for the entire team
- Tested compatibility of DB2 products on different platforms

**XML Parser Tester (Internship)**

IBM Toronto Software Laboratory, Markham, ON, Canada

01/2007 – 04/2007

- Tested the XL XML Processor for C on Windows and Linux before its release
- Automated many of my tasks with Java programs and Perl scripts

**Orientation Week Head Leader (Volunteer)**

University of Waterloo, Waterloo, ON, Canada

09/2007, 09/2008, 09/2009

- Facilitated and encouraged social interactions among first year students
- Organized and coordinated most team events as Head Leader

**Residence Council Floor Representative and Athletics VP (Volunteer)**

University of Waterloo, Waterloo, ON, Canada

09/2006 – 12/2006, 05/2007 – 08/2007

- Planned and organized social and sporting events for all residents of University

**AWARDS & ACCOMPLISHMENTS**

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- "International WIL Student Achievement Award", World Association for Cooperative Education, November 2010
- First place in the 2006 Educational Computing Organization of Ontario competition in North York, April 2006
- Bronze Medal in the 2006 Senior Canadian Computing Competition, May 2006
- "Thornlea Outstanding Student Award", Thornlea Secondary School, June 2006
- Dean's Honors List, Faculty of Mathematics, University of Waterloo, every school term
- Recipient of several scholarships based on academic and extracurricular performance

**ACTIVITIES & INTERESTS**

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- Volunteered in numerous campus-recruitment and other university-related events
- Passionate about playing sports and the outdoors (Gold medal in soccer at the 2005 Youth Maccabi Games)
- Enjoy traveling at every given opportunity
- Teach computing skills to academics and scientists, often including version control, basic terminal usage, and programming.