

# Brandon Sandrowicz

## PERSONAL DATA

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CITIZENSHIP: United States  
IMMIGRATION STATUS: Permanent Resident (Canada)  
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## OBJECTIVE

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Find a job where I can do at least two of the following things: (i) work with interesting people, (ii) work on solving interesting problems, (iii) work on building something great. I am geo-bound to the Toronto area, and am not considering relocating at this time.

## WORK EXPERIENCE

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OCT 2013 to PRESENT	<p>Lead Software Developer at Sowingo.com Corp. Toronto, Ontario, Canada <i>Dental Supply Management</i></p> <ul style="list-style-type: none"><li>• Built an eCommerce platform allowing sales from 3rd party vendors from the ground-up.</li><li>• Built an inventory management system with specialization in tracking oral surgery supplies from scratch.</li><li>• Built single page app administration system site admins and 3rd party vendors.</li><li>• Built a custom PDF generation system for creating shelving labels.</li></ul> <p><b>Technologies Utilized:</b> PostgreSQL, MySQL, Amazon Web Services (EB, S3, EC2, Route53, RDS, VPC, CloudFront, SQS), Flask-RESTful, Python, Flask, Nginx, Ubuntu Linux, ElasticSearch, SQLAlchemy, Stripe, AngularJS 1.x, GulpJS, GruntJS, Angular-Material, HTML, CSS, JavaScript/ECMAScript, EmberJS, Bootstrap, LESS, Sass, git, TravisCI, py.test</p>
AUG 2008 to NOV 2012	<p>Software Developer at Rentrak Corp. Portland, Oregon, USA and Toronto, Ontario, Canada <i>Media data analysis and auditing</i></p> <ul style="list-style-type: none"><li>• Developed cross-platform application in Groovy to interact with POS systems and transmit transaction information back to central server.</li><li>• Developed internal CRM to facilitate multiple business units' interactions with customers, including an email gateway, threaded comments, and porting of legacy CRM data.</li><li>• Maintained legacy internal applications (including GUIs in Java 1.3, and 'green screens' in C), including adding new features as required.</li><li>• Ported competing system (obtained via acquisition) within existing systems, including data import, reporting system changes and data warehousing.</li><li>• Optimized database access as volume passed thresholds that reduced performance to unacceptable levels.</li><li>• Implemented marketing materials admin interface in HTML/JS, including drag-and-drop sorting.</li><li>• Created internal release tool on top of git with Python/Django.</li></ul> <p><b>Technologies Utilized:</b> Linux (CentOS), MS Windows, Unify, Oracle, PostgreSQL, Java, C, Groovy, Perl, Python, Pro*C, Vim, Emacs, Apache, Nginx, Django, SQL*Plus</p>

## EDUCATION

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AUG 2005    Bachelor of Computer Science in ENGINEERING, **University of Michigan**

## TECHNICAL SKILLS

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PYTHON (INCL. SQLALCHEMY, FLASK, PY.TEST) • HTML • NODEJS • CSS • LESS • SASS • JAVASCRIPT  
• JQUERY • ANGULARJS 1.X • AMAZON WEB SERVICES • ELASTICSEARCH • POSTGRESQL • MYSQL •  
ORACLE • GIT • LINUX • PERL • BASH/ZSH • PHP • MATLAB • LISP • EMBERJS • C++

## OTHER

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- Organizer for Pycon Canada 2013, 2015, and 2016