Brandy Sandrowicz

Software Developer

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○ *bsandrow*

Education

Aug 2005 **Bachelor of Computer Science in Engineering**, *University of Michigan*

Experience

2018–2023 **Software Developer**, *d1g1t Inc.*, Toronto
Financial Software for Money Management Firms

- Built a risk level reporting system for money managers with the support of company's financial engineers.
- Worked on both the Python backend and the React front-end systems.
- Built and maintained a system that capable of rebalancing 1000's of financial accounts to match user specified parameters while taking into account various trading restrictions.
- Built and maintained a system for managing trades and batches of trades to be sent to trading systems for execution including processing allocation on receipt of trades.
- Maintained a system that managed transactions for all customer accounts and built them into various levels of reporting for both money managers and their clients.

2013–2018 **Lead Software Developer**, *Sowingo.com Corp.*, Toronto
Dental Supply Management and Marketplace

- Built an eCommerce platform allowing sales from 3rd party vendors from the ground-up.
- Built an inventory management system with specialization in tracking oral surgery supplies from scratch.
- Built single page app administration system site admins and 3rd party vendors.
- Built a custom PDF generation system for creating shelving labels.

2008–2012 **Software Developer**, *Rentrak Corp.*, Portland and Toronto
Media data analysis and auditing

- ○ Developed cross-platform application in Groovy to interact with POS systems and transmit transaction information back to central server.
- ○ Developed internal CRM to facilitate multiple business units' interactions with customers, including an email gateway, threaded comments, and porting of legacy CRM data.
- ○ Maintained legacy internal applications (including GUIs in Java 1.3, and 'green screens' in C), including adding new features as required.
- ○ Ported competing system (obtained via acquisition) within existing systems, including data import, reporting system changes and data warehousing.
- ○ Optimized database access as volume passed thresholds that reduced performance to unacceptable levels.
- ○ Implemented marketing materials admin interface in HTML/JS, including drag-and-drop sorting.
- ○ Created internal release tool on top of git with Python/Django.

Languages

Other

- ○ Organizer for Pycon Canada 2013, 2015, and 2016