

Mateusz Bocian

A full stack web engineer with experience using a wide variety of tools to contribute to production sites of varying scale in agency, team, and individual professional settings.

Work Experience

Application Developer at Workopolis

January 2015 - June 2015

Workopolis is one of Canada's largest and most popular job boards. They also produce work related content daily on a blog that gets more than a million views a month. It is a critical component in maintaining their online presence.

:: Wordpress, Javascript, MySQL

Performed a back end migration, and a complete overhaul of all the themes and plugins, while maintaining SEO rankings and social share counts, relieving a very large amount of technical debt, and unblocking projects in both software and marketing departments.

Worked in a team of four to deliver a highly customized Wordpress site to a client on a very tight deadline.

Front End Developer at NthGen Software

May 2014 - September 2014

NthGen Software is a digital solutions agency with clients across Canada. They have an in house web/mobile application called TradeRev which assists the running of used car auctions all over North America.

:: *Grails/Groovy, Javascript, AWS*

Independently rebuilt a static, cross-browser compatible, responsive website following a complex design created by two designers to freshen up the look of the company for new potential clients and hires. nthgensoftware.com

Developed sales analysis reporting tools to help analyze current business trends, identify and rank customers by profitability, and to catch potential suspicious sales activity. The backend tools created an easy-to-use interface for complicated and extensive database queries that needed to be run regularly.

Web Coordinator at University College Literary & Athletic Society

March 2011 - June 2014

As a student government at the University of Toronto, their website, uclit.ca, keeps students notified of upcoming events and programs, as well as work positions available on campus.

:: *Wordpress, Javascript*

Designed and developed a responsive Wordpress theme from scratch based on site analytics, with help from a graphic designer, improving site usability and organization workflow.

Web Developer at University College Orientation Week

Summer 2011, 2012, 2013, 2014

University College students organize the orientation week yearly for the newest students at the college. The website contains all the information first-years need to know about the event.

:: *PHP, Javascript, MySQL, Stripe, Paypal*

Built and managed the website and registration tools 4 years in a row bringing in over 2000 online applications and processing over \$160,000 in registration fees. Online registration became the main method of registering for the event and replaced mailed checks and most in-person payments.

Game Programming Intern at Little Guy Games

May 2013 - September 2013

An independent game studio focused predominantly on mobile, and tablet games.

:: *Unity, C++, Javascript, PHP*

Optimized and sanitized database queries to improve client side load times and application security of a web-based game.

Worked in a small team to rapidly re-prototype a game over the course of a month based on a new concept that a designer and I came up with.

Frequently play tested to ensure game balance. (By far the best part of the day)

Programming/Systems Intern at Scholars Portal

May 2011 - May 2013

Scholars Portal provides a number of services to university libraries across Canada including a search platform for scholarly journals, and archived books.

:: *PHP, Java, Shell*

Developed tools that allowed for the automated loading, and modifying of content to streamline the workflow of daily operations.

Created database management and deployment tools that allowed growth from 2 to over 40 active school accounts.

Relevant Projects

StockTargetPrices :: *Django, Javascript, Gulp, Paypal, AWS, Google Analytics*

stocktargetprices.com is an application that aggregates financial projections of nearly 400 analysts covering over 5000 companies and presents them to users.

- Redesigned and rebranded the application to improve the design and layout.
- Rewrote a large portion of the test suite to fix outdated tests, and to allow for better development practices going forward.
- Automated a daily newsletter in hopes of improving premium conversion rates.

Verillio :: *Meteor, React, Heroku*

Built a to-do list application with user accounts and hosted it on Heroku.

OPAQUE :: *Express, React*

Built an e-commerce website with an admin panel to allow a business owner to sell their paintings and jewellery products online.

Voter Visualization :: *Javascript, Flask*

Spent a day with a friend building a graphical visualization of the distribution of voters in a Toronto district based on open data.

Hackathon Game :: *Unity*

Dedicated a weekend to building an adventure game with a group of friends.

Technical Summary

Languages - Javascript, Python, Java, Groovy, PHP, C, C++

Frameworks - Django, Wordpress, Grails, React, Meteor

Databases - MySQL, MongoDB

Version Control - Git, Mercurial

Education

University of Toronto

Expected December 2015

Bachelor of Science, Computer Science

Achievements and Languages

2nd place Canadian Ultimate Championships in 2012 and 2014

3rd place Canadian University Ultimate Championships in 2011 and 2013

Fluent in English, Polish, and Elementary German

References

Available upon request