

# Boris Bershadsky

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## Education

### Seneca College

Computer Programming  
May 2016 | Toronto, ON

### Ryerson University

Candidate: Graphics  
Management  
May 2014 | Toronto, ON

## Skills

### Web Development

React+Redux Componentization  
MeteorJS • AJAX • NodeJS  
HTML5+CSS3 • JQuery • Flask  
AngularJS 2/4 • PHP  
ESP32/8266 Web Server • Ruby  
on Rails • RESTful API • ES5/ES6

### Databases

MongoDB • MySQL • SQLite  
(ANSI) DB2 • PostgreSQL  
MS-SQL • MiniMongo • Hadoop  
Sequelize • BigchainDB • CRUD  
GraphQL

### Applications

Python • Android Studio • C++11  
(Threading) • Xamarin • Cordova  
Ruby • Electron • Unity  
Angular 4 integration w/ React

### Dev Technologies

NPM • Heroku • Webpack  
Packagist • Bootstrap 3+4  
JSON • i18n + JAWS •  $\LaTeX$   
Material Design (Materialize +  
Material-UI) • Bash • Jest  
Mocha Automated/Unit Testing

### API

AWS+S3 • Stripe • Sendgrid  
Twitter • Instagram • Oauth 2  
Binance • Twilio • Facebook  
Bit.ly • Github • Google Maps  
Youtube • Imgur • Slack  
CoinMarketCap • Discord  
Telegram

## Coursera

MeteorJS Web Applications  
Responsive Web Development  
Full Stack Web Development

## Languages

Professionally Fluent in English  
and Russian

## Experience

### Sensor Breath Inc. | Full Stack Embedded Systems Developer

Nov 2016 - Dec 2018 | Toronto, ON

- Designed, developed, 3D printed, programmed, and calibrated a comprehensive medical device stack to record, analyze, graph, and backup real-time analog data from 16 sensors for a 24bit ADC MCU based on ESP32 and Raspberry Pi using C++, Python, Plot.ly, and MongoDB
- Built, 3D printed, tested, and calibrated a portable "Intelligent Hot Plate" with mobile remote control, logging, and graphing of temperatures between -4C to +60C with 0.25 degree precision using RTD, 2P2T relays, peltier module, voltage boot converter, and ESP8266 MCU
- Designed and implemented a Blockchain data storage PoW network using BigchainDB featuring decentralization, immutability, Byzantine Fault Tolerance, and interactive graph

### Daisy Intelligence | Full Stack Web Developer

Mar 2016 - Nov 2016 | Toronto, ON

- Team lead for developing and providing production support of secure client facing web portals (Insurance + Retail) with DB2 Backend for several big clients (Walmart, Giant Tiger, Earth Fare, Staples, Empire Life, Northwest Co.) to fully automate client data delivery process
- Created an Internal Admin Panel to fully automate project management deadlines and easy CRUD functionality of all web portal users: logging, input filtering, and managed 100+ user accounts to offer management a dashboard "pulse" of scheduled client deliverables
- Implemented LAMP stack with Gitlab CE on CentOS 7 and provided all developers with a training session outlining Git philosophy + best coding practices

## Projects

### Abacus Coin (ABA) | Full Stack Blockchain Developer Sep 2018

Abacus is a one click solution to Masternode hosting that aims to provide security, vetting, convenience, and metrics to Masternode hosting services. Abacus is built with React(+Redux) /NodeJS architecture using a MeteorJS framework. Abacus offers one click masternode hosting for only the highest quality masternode projects. The more nodes hosted on Abacus the more our cryptocurrency community fund grows. Abacus provides metrics for how much we give back. The private keys for each fund are held by their community's developers.

### Uptick | Full Stack Product Engineer Aug 2018

Uptick gives you peace of mind while you track your investments with a comprehensive React Material dashboard of over 100 different fiat/crypto holdings and companion wireless IoT ticker with a high-contrast OLED display. The NodeJS API offers 1s refresh rates and a real-time signal service for Questrade, Binance, Bitfinex, Poloniex, and CoinMarketCap currency markets

### 1Place Web Development | Front-End Developer Nov 2017

1Place is a one-stop dev shop for building Reactive Meteor Apps, HTML5 RESTful web apps, and internal job tracking tools. We also offer Android/iOS App development and E-commerce web services

### DIP3D | Full Stack Web Developer Jan 2017

DIP3D offers on demand 3D printing, design, and prototyping services with many materials including PLA, ABS, PET, HIPS, Flex PP, Ninjaflex, Laywood, Laybrick, Nylon, Bamboofill, Bronzefill, ASA, T-Glase, Carbon-fibers enhanced filaments, Polycarbonates. Our products include wearable electronics/gadgets, 3D printing accessories, and custom airsoft attachments. We accept Paypal, Credit Card, Cryptocurrency payments and offer a decentralized printing service across several locations in the GTA.