



**Shadwell Da Cunha**  
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**2B Computer Science**



**2½ Years Relevant Experience**



**Blockchain, Web, Android**

## Languages, Frameworks and Software

**OS:** Windows, Ubuntu, CentOS, Kali Linux, Chrome OS and Mac OS

**Programming Languages:** C, C++, C#, Java, Ruby, MIPS Python, PHP, Javascript, CSS/SASS, Solidity, Racket

**Frameworks/Tools:** Yii, ReactJS, Ethereum, NodeJS, Ruby On Rails, Angular, Mongoose, Android SDK, MongoDB, MySQL, GIT, Jenkins, Travis CI, Multithreading

**Software:** Android Studio, Photoshop, Sony Vegas, Office, SSH, Bash, Ethereum Solidity Realtime Compiler

## Personal Projects & Ventures

**Bitzle** bitzle.com  
Future cloud productivity platform for agile teams

**Byteswipe** goo.gl/f6jPxp  
Open source Java-based SFTP/FTP/FTPS client

**SlickCSS** goo.gl/PtpypO  
Open source frontend rapid-prototyping library

**Bitzle Ads**  
Simple, native ads that will boost user interaction through incentive and unobtrusiveness

**Blockchain Verified Fares**  
Developing prototype using Raspberry PI for blockchain verified transit payment

## Volunteer and Other Interests

Volunteered at the Good Shepard Refuge Food Bank  
University of Waterloo Velocity events and workshops  
Ethical hacking (Penetration Testing) with Kali Linux  
Casual soccer, badminton and table tennis player  
Competitive gamer



sdacunha.com



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## Summary of Skills

Able to work with 20+ different programming languages and frameworks

Extremely diverse skillset: proficient at programming, devops, design and business concepts

Strong interpersonal skills, able to effectively communicate and contribute ideas

Works very well under pressure



## Work Experience

### Deloitte Canada

Part-Time Lead Developer

**4 mos**

Sept 2016 - Present



Contribute bug fixes, directly support over 20+ corporate clients via email and Lync



Handle server maintenance & optimization on Deloitte Cloud to scale to 100000+ users



Created analytics dashboard using Periscope Data for quick visualization of datasets

### Deloitte Canada

Software Product Prototyper

**4 mos**

May 2016 - Aug 2016



Developed Ethereum based decentralized application using NodeJS, IPFS Mongo



Worked with UX team to implement user-facing flows that simplify the use-case



Developed backend including smart contracts, multi-user auth system & REST api

### Deloitte Canada

Software Product Prototyper

**4 mos**

Sept 2015 - Dec 2015



Developed Ruby On Rails application to quickly gather employee feedback



Created time-based analysis tool to track users over time and display relevant metrics



Organized technical demonstrations for business team to establish direction of project

### CraftYourBox\*

Head of N.A Support and Web Development

**11 mos**

Apr 2013 - Feb 2014



Assisted in hiring decisions for technical support candidates



Consulted on scaling of services to provide optimal experience to over 300 customers



Handled website maintenance and development to scale to growing needs of clients

### CraftYourBox\*

Support Technician

**6 mos**

Nov 2012 - Apr 2013



Handled server technical support tickets via WHMCS



Directly supported customers using Skype, Phone or ticketing system



Developed custom Minecraft Java-based plugins to satisfy customer requirements



## Education

### University of Waterloo

Candidate for Bachelor of Computer Science

Sept 2014 - Present

Relevant Coursework: Object-Oriented Software Development

Elementary Algorithm Design and Data Abstraction, Logic and Computation



## Achievements

Awarded the Computer Science award upon graduating high-school (June 2014)

Selected to design in-house school auction site for charitable event (April 2014)

Semi-Finalist at the Educational Computing Organization of Ontario programming contest (lead programmer) (March 2014)

Selected in top-4 pitches for William Osler Health "Kiss My App" contest (Feb 2016)

\*CraftYourBox LLC is now owned by CubedHost LLC