David Tsenter

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PROGRAMMING

PROFICIENT
Java • Swift • React.js • C/C++• Node.js
Javascript (ES6)• HTML5/CSS• Objective C

FAMILIAR WITH
React Native•Python•PHP

TOOLS
Git •XCode•Android Studio•Docker
MongoDB•Hadoop•Terraform•Jenkins
MySQL•Vim•JIRA

EDUCATION

SOFTWARE ENGINEERING BSE CANDIDATE
University of Waterloo, ON
September 2015 - Present
2A Honours Co-op

ACHIEVEMENTS

2016- Hack The North 2016 Winner (AWS Sponsor Prize)
2016- Capital One 'Beacon' Award For Outstanding Performance ($1000 value)
2015-Fred Groch Scholarship for Engineering
2015-1st TechRetreat Hackathon
2015-2nd JDCC programming contest

FIND ME ON

Github: **github.com/tsenterd**
LinkedIn: **linkedin.com/in/davidtsenter**

INTERESTS

• Filmmaking
• Special Effects Design
• Soccer
• Chess
• Volunteering
• Tutoring
• Jazz Saxophone

EXPERIENCE

CAPITAL ONE | Software Engineering Intern
May 2016 – September 2016 | Kitchener, ON

- Engineered, integrated, and deployed dynamic data visualization tools to Capital One's mobile apps on both Android (Java) and IOS (Swift 2.3 with some Objective-C)
- Built a public-facing API using Node.js/MongoDB that leverages a scikit-learn based machine learning model through Hadoop, python, and Spark
- Constructed a pipeline between the front-end and the API, overcoming the complex security and infrastructure requirements of Capital One
- Lead a team of 3 in weekly scrums, reviewed pull-requests, maintained code cleanliness, obfuscation, and adherence to design patterns
- Won 'The Beacon'(internal award) for outstanding achievement valued at $1000

BONAFERO | SVP Operations/Software Engineer
July 2015 - Present | Toronto, ON

- Lead a team of engineers over several months to complete large-scale tech projects (mostly Web and Mobile) worth upwards of $60,000 USD
- Conducted weekly scrums, one-on-ones with the team, delegated tasks via JIRA sprints, and met with clients to ensure criteria are met
- Oversaw project completion from start to finish including budget estimates, finances, assembly of team, infrastructure setup, and software engineering
- Notable clients include; Kobo Inc, League, CipherQ

EXTENDICARE INC. | Lead Web Developer
July 2015 – September 2015 | Toronto, ON

- Built a live analytics dashboard from scratch using websockets and the 'amcharts' JavaScript library
- Designed scalable database and JSON schemas for storing user data
- Deployed to production using AWS and Docker

PROJECTS

DAVIDTSENTER.COM | Personal website
Dec 2014 – Present

- Showcases my personal projects built within the past 2 years
- Clean, mobile-friendly design achieved with HTML, CSS, and Bootstrap

SPLITY | Bill Splitting IOS App
August 2016 – September 2016

- Bill splitting app built in the summer of 2016, and deployed to Apple's App store in September
- Built with Swift 2.3 and Firebase
- Currently on the App Store with over 40 active users

NFINITE.SPACE | Hack the North 2016 Winner
April 2015

- A cloud storage solution built on a peer to peer-like model where no server space is required
- Built at Hack The North 2016 using React.js, WebSockets, Go, and CockroachDB
- Won 'Best use of AWS' award