


# Behshad Sebthosseini

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## ----- EDUCATION -----

### Honors Bachelor of Software Engineering

expected 2019

Lassonde School of Engineering, York University, Toronto, ON

## ----- TECHNICAL SKILLS -----

### Operating Systems:

- Microsoft windows, Mac OSX, Ubuntu, Chrome OS

### Programing languages:

- Java, C, MIPS assembly, Eiffel, Shell Script, SQL, NoSQL, Swift, HTML5, CSS3, PHP, JavaScript, Matlab.

### Framework:

- Relational Database Management Systems, Eclipse IDE, Test Driven Development, Agile Development, XCode, Android Studio, GitHub, Cassandra, Oracle SQL Developer, Wordpress, Bootstrap, Eiffel Studio, BMC Remedy, IBM notes, Adobe Photoshop and illustrator.
- Strong understanding of Model View Controller as a software design pattern
- Strong conceptual and logical knowledge of programming languages stated above, handling and debugging.
- Good understanding of Software Development Life Cycle (SDLC)
- Ability to design efficient and maintainable programs and applications based on algorithms learned through courses.

## ----- PROJECTS -----

### Java Application Development

LE/EECS 2311, Software Development Project

- Developed a Guitar tablature to reformat guitar notes written in ASCII to a pdf with guitar bars.
- Used Eclipse IDE, iText library, and various Java libraries for parsing the input text.
- Performed unit testing as the project developed over the time for application functionalities with different inputs.

 <https://github.com/bsebt/GuitarTablature>

Freelance Work for Pro Auto Body Inc.

- Developed a java program to translate amount of money from number to English representation.
- Used Java language to pars and convert numbers into dollar and cents amount written in English
- Used Java swing library to create the simplest interface for client daily usage.

 <https://github.com/bsebt/NumbersToLetters>

### iOS (Drug on Time)

- Developed an iPhone app during Queens University Hackathon using xcode8 and swift3 to provide a platform for connecting doctors and patients.
- Doctors input patient's prescription and users get notification on their phone to take their medicine on time.

 <https://devpost.com/software/drug-on-time>

## ----- WORK EXPERIENCE -----

### Software Engineering Lab Assistant

Lassonde School of Engineering, York University, ON

2018-Present

- Research and develop new software in Eiffel framework.
- Assist students with their laboratory submissions and grades.

### Software Integration and Development CO-OP

Ericsson Canada, Mississauga, ON

2017-2018

- Developed new features for Ericsson application virtual machine to improve reliability and scalability in process engine.
- Debug, improved, and maintained AVM process engine based on customer reported issues.
- Collaborated with other team members, to assess performance and develop solutions to improve process engine.

### Web Administrator/ IT Support (Freelance)

Bahman Accounting, Toronto, ON

2013-2017

- Design website using WordPress Content Management System.
- Implemented different client requests such as online booking systems and file sharing system in a private network.
- Manage and maintain workstations in yearly basis due to upgrades.

Pro Auto body Inc, Toronto, ON

2015-2017

- Design and update website using WordPress Content Management System.
- Manage and maintain workstations in yearly basis due to upgrades.
- Analyzing, marketing, and online advertisement for Pro Auto Body.

### IT Helpdesk Technician (CO-OP)

Osgoode Hall Law School, York University, Toronto, ON

2015-2016

- Got an offer of part time contract for 8-month after my summer co-op.
- Dealt with BMC Remedy ticketing system to manage and document incidents.
- Built workstations using Microsoft SCCM and deployed them according to deadline for staff and faculty.
- Provided IT support in person, via telephone, and remotely (via GoToAssist software) from the helpdesk
- Used and troubleshoot IBM Notes software to manage my work email, helpdesk email and calendar as well as communicate with my team members.

## ----- Volunteering -----

### Mentor

2018- 2018

Elle Hacks, WISE, York University, Toronto, ON

- Helped Hackers with their projects during hackathon

### Treasurer (Volunteering)

2015- 2016

Lassonde Student Government, York University, Toronto, ON

- Handled over \$5000 of budget for the Lassonde Student Government and prepared yearly reports.
- Successfully led members of the social events team to create and run multiple events with hundreds of attendees.