

Davood Anbarnam

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Technical Experience

- **Languages :** Java, C/C++, HTML, CSS, Javascript, AJAX, Eiffel, Verilog
- **Tools:** Git, Github, Eclipse, NetBeans, EStudio, GNU Make

Projects

- Post-Fix Calculator in Java (<https://github.com/Bastani/PostfixCalc/tree/master/CalcV7>)
 - Lead designer and programmer in group of 5
 - Wrote an expressions parser for evaluating mathematical expressions
 - Designed and wrote algorithm for minimum parenthesizing of mathematical expressions
 - Designed and wrote the MVC pattern used
 - Wrote Design Documentation
- Skateboard Run in Java (<https://github.com/Davood96/SkateBoardRun>)
 - Wrote in-game animations
 - Wrote algorithm for procedural generation
 - Wrote collision detection system
- Personal Website (<https://davood96.github.io/website>)
 - Implemented navigation bar
 - Implemented modal functionality using AJAX requests and anonymous functions
- Web-Calculator
 - Wrote a parser to convert arithmetic expression into an equivalent doubly-linked list
 - Modeled operator precedence using Binary Search Tree
 - Implemented undo feature using Undo pattern
- Monopoly on Command Line in C/C++ (<https://github.com/Davood96/MonopolyCMD>)
 - Wrote a template for a card deck
 - Wrote algorithm to 'shuffle' a deck of cards
 - Wrote random number generator to simulate a die throw

Academia

- BEng Software Engineering (Expected Graduation Date – Summer 2018), Lassonde School of Engineering
- 8.34 / 9 GPA
- Dean's Honor Roll – 2014/15, 2015/16, 2016/17
- Chair's Honor Roll for Mathematics – 2014/15
- York University Continuing Student scholarship – 2015, 2016
- York University Undergraduate Bursary – 2014, 2015, 2017

Volunteer Work/Activities

- Bethune SOS peer tutor for 1st year calculus (2015 – present)
 - Part of group interviews for open positions
 - Gave campus tour for Academic Orientation
- Member of Glendon Squash Team
- Excel Lassonde Tutor for Computer Science